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June 1976

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# EAS JOURNAL

EASTERN APICULTURAL SOCIETY OF NORTH AMERICA, INC.

JUNE, 1976

**TO:** Potential Conferees to the 22nd Annual Conference of the Eastern Apicultural Society to be held at Virginia Polytechnic Institute and State University, August 11-14, 1976 at Blacksburg, Virginia.

**FROM:** H.P. Powers, President

**SUBJECT:** (1) Program  
(2) Membership  
(3) Accommodations, cost

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**PROGRAM:**

WEDNESDAY, AUGUST 11 JUN 29 1976

1:30-4:30 PM Registration  
 5:00 PM Reception  
 6:00 PM Dinner  
 7:30 PM Delegates Meeting  
 7:30 PM Travel Shows  
 9:00 PM Director Meeting

THURSDAY, AUGUST 12

7:00 AM Breakfast  
 9:00 AM Call to Order  
 9:00 AM Invocation  
 9:15 AM Welcome  
 9:30 AM President's address  
 9:50 AM Treasurer's report  
 10:00 AM Break  
 10:20 AM Call to order  
 10:25 AM "Medical applications of Bee Venom and Its Components"  
 11:00 AM "Biological Bases for computer simulation of honey bee populations"  
 11:45 AM Ladies Luncheon  
 12:00 N Lunch  
 1:30 PM Professional Apiculturists Meeting  
 3:30 PM Honeysale  
 5:30 PM Cash bar social  
 6:30 PM Bull Roast  
 7:30 PM Country Fiddler  
 7:30 PM Resume Honey sale  
 8:30 PM Beeswax Workshop  
 8:30 PM Mead Workshop

(continued on page 2)

U. S. POSTAGE  
 BULK RATE  
 #21  
 South Amboy, N. J.  
 08879

ks by killer bees in  
ern Indiana."  
South America several  
d says he never saw an  
ees.

worked in an area  
the so-called killer bees  
n stung, he said.  
scare stories about the  
can be dangerous if not  
ans may well consider

ee stings, one sting can  
do not receive proper  
id, adding that a high  
ay be allergic to bee  
used to it from native

00 Brazilians die from  
than the 200-300 bee  
unreported each year in

bees in South America  
from 26 queens of the  
near Sao Paulo, Brazil,  
e rules of genetics, he  
ncy should be getting  
tions.

not very many at all  
bers that have been  
Africa," he said.

(continued from page 1)

### FRIDAY, AUGUST 13

7:00 AM Breakfast  
 8:45 AM Call to Order  
 8:50 AM "The Elusive Pollen Substitute and Other Projects"  
 9:20 AM "Gypsy Life - or - Migratory Beekeeping;;  
 10:00 AM Break  
 10:25 AM "Microbial Insecticides"  
 10:50 AM "How to Produce Comb"  
 11:40 AM "World Beekeeping, Present and Future"  
 12:00 N Lunch  
 1:45 PM Call to order  
 1:50 PM "Insect Husbandry for Thistle Control in Virginia"  
 2:15 PM Free time  
 5:30 PM Fruit Punch Social  
 6:30 PM Banquet  
 7:30 PM Awards

### SATURDAY, AUGUST 14

Breakfast 7:00 AM  
 8:45 AM Call to order  
 8:50 AM "Beekeeping in South America"  
 9:15 AM "J.I. Hambleton Lecture"  
 9:45 AM "Foraging Strategies in Bees"  
 10:00 AM Break  
 10:30 AM "How to Get Their Attention in Washington"  
 10:50 AM "Survival of Beekeeping in an Urban Environment"  
 11:15 AM Business Meeting, Eastern Apicultural Society of North America  
 12:30 PM Lunch

**MEMBERSHIP:** The Eastern Apicultural Society of North America does not require individual membership for eligibility to attend its conferences. Membership is automatically granted to each person attending the full conference. If you have already paid your dues for 1976-77, this amount

(continued on page 11)

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

<b>President</b>	Homer Powers	<b>Director of Public Relations</b>	David C. Newton
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Cornwall-Bridge Road Sharon, Connecticut 06050 Home phone (203) 364-5280		Second Class Privilege applied for.	
<b>Secretary</b>	Walter D. Wilson	<b>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*.</b>	
81 Chestnut Street Fair Haven, New Jersey 07701 Home phone (201) 747-9717		<b>*Of which \$2.00 is subscription to Journal.</b>	

Professor E.J. I  
President of E.A.S. i  
in 1966.

Long before he  
interest in beekeepin  
Meaford on the Geo  
knew and understoo  
two apiaries of abou  
new repellents, piec  
them on his own bee

Dyce served as  
College. He obtained  
the first manager of  
joined the faculty at

A patent on how  
to the Province of Or  
earned the University  
used to build Dyce La  
to support graduate s

The Dyce metho  
did much to improve  
improving sales of hor

Dyce trained mo  
to study from many cc  
the world; his frequer  
approach to beekeepin

Professor Dyce is  
Marilyn Arden. A priva  
family and friends in  
the Bee Research Assn

North America

require individual  
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76-77, this amount

David C. Newton  
College  
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J.C. Matthenius, Jr.  
venue  
rsey 08865  
J.R. Wojciechowski  
s Sr.  
J. 08879  
us St., South Amboy, N.J.

3.00\*; Joint membership  
\$6.00\*; Commercial  
membership \$100.00\*;

Journal.



### E.J. DYCE

Professor E.J. Dyce passed away at his winter home in Florida on Feb. 23. Dr. Dyce served as President of E.A.S. in 1969 when the society's annual meeting was held at Cornell; he had retired in 1966.

Long before he entered Ontario Agricultural College, now Guelph University, Dyce had an interest in beekeeping. At one time he had in the vicinity of 400 colonies near his home town of Meaford on the Georgian Bay in Ontario. One of his great strengths as a Professor was that he knew and understood practical management practices. Even in his later years at Cornell he kept two apiaries of about 40 colonies each; he insisted on doing most of the yard work himself. As new repellents, pieces of equipment and methods were published he was among the first to try them on his own bees so that he might know their real value.

Dyce served as Demonstrator, Lecturer and Professor of Apiculture at Ontario Agricultural College. He obtained his Ph.D. with Professor E.F. Phillips at Cornell in 1931. Later he became the first manager of the Fingerlakes Honey Producers Cooperative in Groton, N.Y. and in 1942 joined the faculty at Cornell University.

A patent on how to make crystallized honey was obtained by him in 1931. He gave the patent to the Province of Ontario in Canada and in the United States to Cornell University. That patent earned the University more money than any patent it had ever held. Monies from the patent were used to build Dyce Laboratory in 1968 and income earned from invested monies is still being used to support graduate students and research on bees and honey.

The Dyce method of making crystallized honey is widely used throughout the world today. It did much to improve the quality of honey on the world market and was especially important in improving sales of honey.

Dyce trained more specialists in his field than any man before him; students came to Cornell to study from many countries. He carried on an extensive correspondence with beekeepers around the world; his frequent articles in bee journals are still referred to by persons seeking a practical approach to beekeeping.

Professor Dyce is survived by his wife, Colina, and a son, Dr. Rolf Dyce and a daughter, Mrs. Marilyn Arden. A private service was held for the family in Florida and a memorial service for his family and friends in Ithaca in May. The family requests gifts in Dr. Dyce's memory be made to the Bee Research Assn. (Hill House, Chalfont St. Peter, Gerrards Cross, Bucks.) in England.

## EASTERN AGRICULTURAL SOCIETY General Rules for All Shows

1. All entrants, whether or not they attend the Conference, must be registered with and have paid the registration fee to the Eastern Agricultural Society.
2. Only one entry in each class may be made by an individual family.
3. Identifying labels on entries are forbidden.
4. Entries can be registered Wednesday night 8 - 9 p.m. and Thursday morning 8 to 9:30 a.m.

### GADGET SHOW

Prize 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 - competitive exhibit (no prize).

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

Scoring Objectives:	Maximum Pts.
1. Explanatory test .....	25
2. Practicality .....	50
3. Ease of reproduction .....	15
4. Help to beekeeping .....	10
<b>Total</b>	<b>100</b>

### BEESWAX SHOW

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

Class 1 - Single piece, pure Beeswax, 1 lb. or more.

Class 2 - Candles, dipped, one pair, pure Beeswax.

Class 3 - Candles, molded, one pair, pure Beeswax.

Class 4 - Candles, fancy, one pair, pure Beeswax.

Class 5 - Candles, novelty, six assorted, containing Beeswax.

Class 6 - Novelty, Beeswax with additives permitted.

Special rules:

1. All entries in Class 1 must be covered with clean, transparent 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 have been made by the exhibitor.

Scoring Objectives:	Maximum Pts.
1. Cleanliness .....	35
2. Color and aroma .....	30
3. Uniformity of appearance .....	20
4. Absence of cracks and shrinkage .....	15
<b>Total</b>	<b>100</b>

### HONEY SHOW

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

Class 1\* - Three 1-lb. jars of Honey, Extracted, Water White.

Class 2\* - Three 1-lb. jars of Honey, Extracted, Light.

Class 3\* - Three 1-lb. jars of Honey, Extracted, Light Amber.

Class 4\* - Three 1-lb. jars of Honey, Extracted, Amber.

Class 5\* - Three 1-lb. jars of Honey, Extracted, Dark.

Class 6 - Three section boxes of Comb Honey, Light.

Class 7 - Three section boxes of Comb Honey, Dark.

Class 8 - Three packages of Cut Comb Honey.

Class 9 - Three 16-oz. jars of Finely Granulated Honey.

Class 10 - Three 16-oz. jars of Chunk Honey.

Class 11 - One shallow super frame of Cut Comb Honey.

Class 12 - One shallow super frame of Extracting Honey.

Class 13 - One full-depth frame of Honey.

Class 14 - Three identical novel shape, Honey filled containers.

Class 15 - One novelty gift box of packaged Honey.

Class 16 - One shadow box or Niche Display of Honey related subject.

Special Rules:

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5 3/4" .....	2.15	2.50

Cypress or Pine Frames — 9 1/8" or 7 1/4" 22c  
6 3/4" or 5 3/4" 21c

We manufacture pine supers and hive bodies also.

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Hive Stands .....	\$1.75
Bottoms, Rev. Not T & G .....	1.70
Flat Rev. T & G Covers .....	1.90
Inner Cover T & G .....	2.00
Slatted Rack Assembly .....	1.75
Masonite Inner Cover .....	1.60
4 or 5 Frame Nuc Boxes .....	4.75
Bottoms, Rev. T & G .....	1.90
Flat Covers .....	1.90
Tele. Covers No/Metal .....	2.00
Tele. Covers W/Metal .....	4.00
Entrance Reducers .....	.20

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1. Entries displayed in be of transparent

2. Entries window carto transparent pla

3. Colors determined by

4. All en entrant's apiary period August 1

5. Entries be in Queen Lin Scoring Objectiv

1. Density (wat above 18.6 d

2. Absence of c

3. Cleanliness:

a. Without lir

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5. Container app Clean and in g

Prize ribbon



Rt. 1, Box

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1. Entries in Classes 12, 13 and 14 must be displayed in bee-proof cases having both sides made of transparent glass or plastic.

2. Entries in Classes 7 and 8 must be in window cartons or wrapped individually in transparent plastic.

3. Colors of Honey in Classes 1 thru 7 will be determined by the official grading committee.

4. All entries must be the product of the entrant's apiary and have been produced during the period August 1975 to August 1976.

5. Entries in Classes 1 thru 5 (marked \*) must be in Queen Line type glass jars.

Scoring Objectives: Maximum Pts.

- |  |           |
|--|-----------|
| 1. Density (water content above 18.6 disqualified) . . . . . | 20        |
| 2. Absence of crystals . . . . .                             | 10        |
| 3. Cleanliness:  |           |
| a. Without lint (7)  |           |
| b. Without dirt (10)   |           |
| c. Without wax (7)   |           |
| d. Without foam (6) . . . . .                                | 30        |
| 4. Flavor  |           |
| (Pointers will be reduced on OFF FLAVOR HONEY)               |           |
| 5. Container appearance                                      |           |
| Clean and in good condition . . . . .                        | 10        |
|  | Total 100 |

**MEAD SHOW**

Prize ribbons will be awarded to the top six

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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.

Scoring Objectives: Maximum Pts.

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

**HONEY COOKING SHOW  
(Non-Professional)**

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

Class 1 - Cookies, Crisp - 1 dozen.

Class 2 - Cookies, Soft - 1 dozen

Class 3 - Bars or Brownies - 1 dozen

Class 4A - Cake, Unfrosted - 1 cake

Class 4 B - Cake, Frosted - 1 cake

Class 5 - Yeast Bread - 1 loaf

Class 6 - Yeast Bread, Fancy - 1 loaf

Class 7 - Yeast Rolls - 1 dozen

Class 8 - Quick Bread (fruit or nuts optional) - 1 loaf

Class 9 - Muffins (fruit or nuts optional) - 1 dozen

Class 10 - Candy - ½ lb. or 12 pieces

Class 11 - Pie (rules apply to filling) - 1 pie

Special Rules:

1. Entries must be accompanied by the recipe as used, written on 3"x5" 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 furnished by the show committee.
5. Pie crust will be judged on appearance - i.e., not burned or broken up, etc.

A. Baked Goods

Scoring Objectives: Maximum Pts.

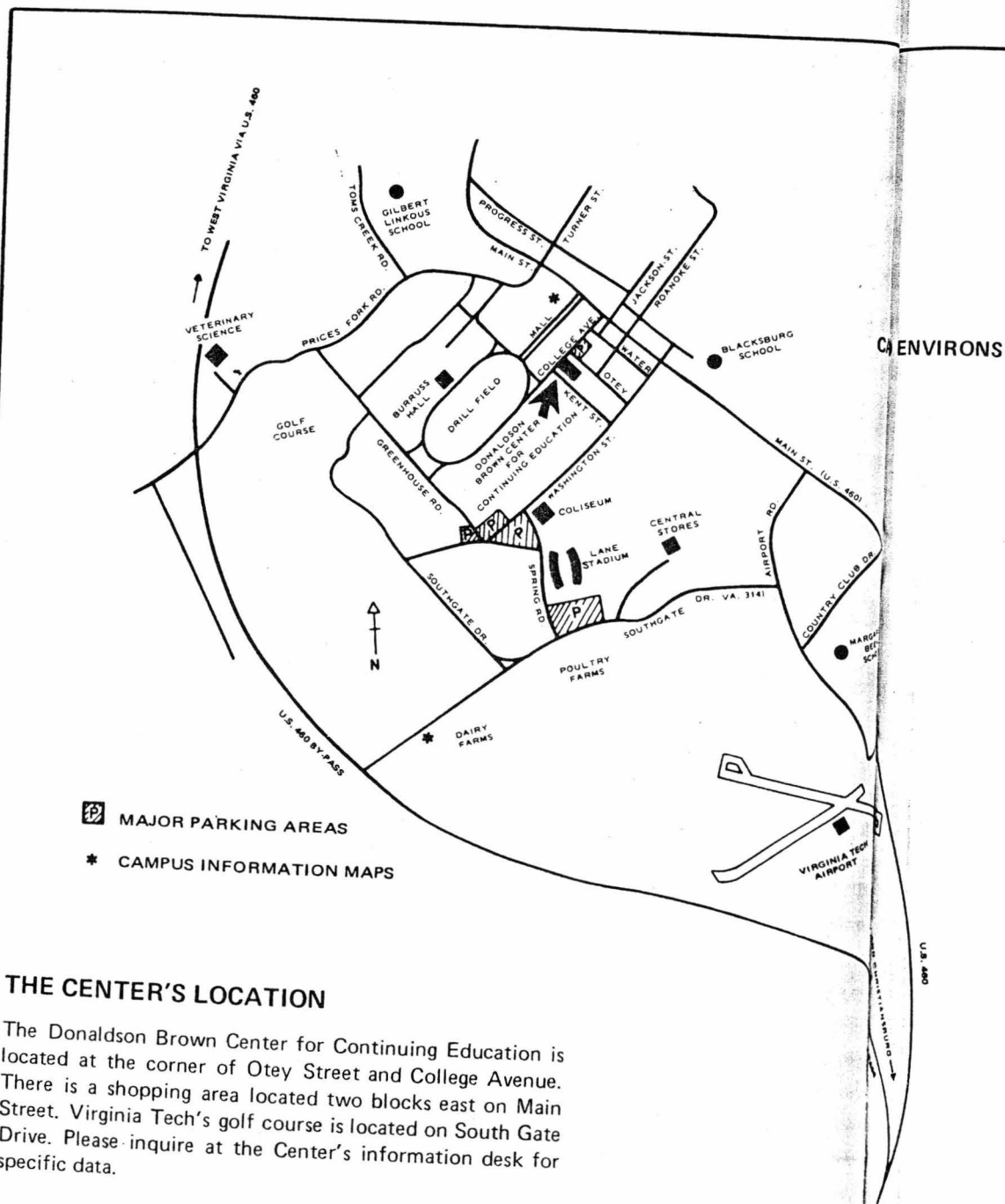
- |   |           |
|---|-----------|
| 1. General appearance . . . . .                               | 20        |
| 2. Flavor . . . . .   | 35        |
| 3. Texture, grain, moisture,<br>uniformity of color . . . . . | 30        |
| 4. Lightness . . . . .  | 15        |
|   | Total 100 |

B. Candy

Scoring Objectives: Maximum Pts.

- |  |           |
|--|-----------|
| 1. Attractive appearance . . . . .       | 20        |
| 2. Flavor . . . . .                      | 35        |
| 3. Texture . . . . .                     | 25        |
| 4. Handling quality in serving . . . . . | 20        |
|  | Total 100 |

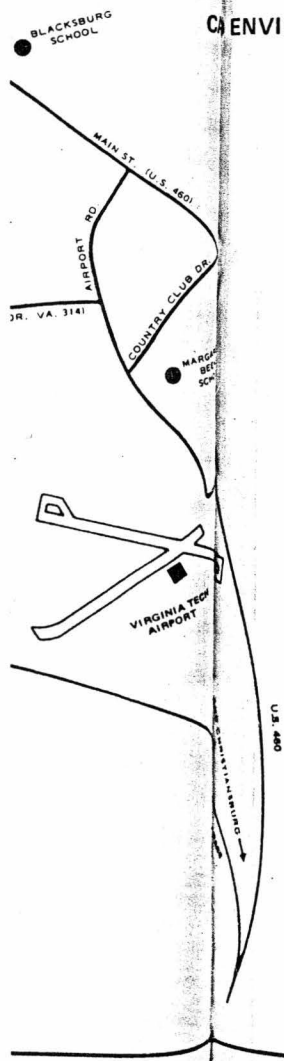
# DONALDSON BROWN CENTER FOR CONTINUING EDUCATION BLACKSBURG, VIRGINIA



## THE CENTER'S LOCATION

The Donaldson Brown Center for Continuing Education is located at the corner of Otey Street and College Avenue. There is a shopping area located two blocks east on Main Street. Virginia Tech's golf course is located on South Gate Drive. Please inquire at the Center's information desk for specific data.

ENVIRONS



## TRAVEL TO BLACKSBURG

### BY AIR

Eastern and Piedmont Airlines with direct flights to many major cities serve Woodrum Field, Roanoke, Virginia. Limousine service to Blacksburg is available by reservation or by regularly scheduled trips. Rental car service is also available at Woodrum Field.

Virginia Tech's Airport in Blacksburg serves private and chartered aircraft.

### BY BUS

Continental Trailways Coach Lines serves Blacksburg. The station is located on the corner of Main Street and the "Mall" and is within walking distance of the Center.

### BY RAIL

Amtrak serves Christiansburg (10 miles from VPI&SU) on the Chicago to Norfolk route, arriving in Christiansburg at 10:55 a.m. and 8:00 p.m.

### BY AUTO

Blacksburg is located on U.S. Route 460 just off of U.S. Interstate 81, 40 miles west of Roanoke and approximately 50 miles east of the south exit of the West Virginia Turnpike.

### PARKING

Free parking for Center activities is available on Otey Street, across from the Center.



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Watertown,

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TO: H.P. Powers, President  
203 N. Governor St., Richmond, Va. 23325

FROM: Family;  
Member; (1) \_\_\_\_\_  
(2) \_\_\_\_\_  
(3) \_\_\_\_\_  
(4) \_\_\_\_\_

Address: \_\_\_\_\_

SUBJECT: Registration for E.A.S. Conference in Virginia

Please accept this application for registration to attend the 22nd Annual E.A.S. Conference to be held at Blacksburg, Virginia, August 11-14, 1976. I wish to attend as follows:

\_\_\_\_\_ persons for the conference, lodging at Donaldson Brown Center  
\$\_\_\_\_\_ enclosed

\_\_\_\_\_ persons for the conference, lodging at Eggleston Dormitory  
\$\_\_\_\_\_ enclosed

\_\_\_\_\_ persons for the conference, camper \$\_\_\_\_\_ enclosed

\_\_\_\_\_ persons for the conference, commuter \$\_\_\_\_\_ enclosed

\_\_\_\_\_ persons for \_\_\_\_\_ \$\_\_\_\_\_ enclosed  
days attending

(\_\_\_\_\_ persons under 12 years of age)

(continued from page 2)

is to be deducted from your conference payment. Life membership confers an automatic three dollar deduction from the conference cost.

**ACCOMMODATIONS:** The Donaldson Brown Center for Continuing Education will be our meeting place; it contains the auditorium and meeting rooms. In addition, it has lodging facilities consisting of 180 double rooms and eight single rooms, each equipped with air conditioning, color TV and private bath. This center will accommodate a maximum of 224 persons. Elevators serve the floors above ground level. Lodging at the center is optional. Adjacent to the center is the dormitory where conferees also may take lodging. Linen, blankets, and soap are provided, although guests are obliged to provide their own wash clothes, and there are men's and women's bathrooms on each floor. The dorm rooms are not air conditioned and are not provided with TV. Stairways serve the floors above ground level.

There will be some off-campus events such as the Bull Roast at the Red Lion Inn and the ladies' luncheon at Mountain Lake Hotel. Costs for the conference will be as follows:

### Full Conference Fees

**Costs:** Lodging at Donaldson Brown Center for Continuing Education - single, \$87, double, \$162; Lodging at East and Main Eggleston Dormitory - single, \$70, double, \$134. Subtract \$12 per person under 12 years of age.

These are the full conference rates. If paid in advance your registration materials will be handed to you at the registration desk at the Donaldson Brown Center for Continuing Education.

**CAMPERS, COMMUTERS AND ONE-DAY CONFEREES:** Advance registration is 12 dollars per person for the conference. Walk-in registration is \$16 per person for the conference or \$5 per day.

Meals will be \$43 per person for the full conference. **There will be no provision for individual meals to be purchased during the conference**, other than the Bull Roast and Ladies' Luncheon; however, there will be a refund schedule for meals missed due to circumstances beyond conferee's control.

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