

The *Camellia* Journal



'Joy Kendrick' — *Camellia japonica*

ACS Reg. No. 1976

Desirable! Large formal double white to blush pink with light pink stripes, imbricated petals arranged in 10 rows of 60 large petals and 8 petaloids. This chance *C. japonica* seedling of Ferrel and Sam Zerkowsky blooms abundantly mid-season. Propagated by Tammia Nursery, Slidell, Louisiana. Available Fall 1985.

AN OFFICIAL PUBLICATION OF THE AMERICAN CAMELLIA SOCIETY
VOL. 40, NO. 3 **PRICE \$2.00** **AUGUST, 1985**

President's Message



G. F. (AB) ABENDROTH

As of this writing, the ACS Endowment Fund Raising Campaign is well under way. The fund raising brochure has been printed and has excellent eye appeal thanks to the Fund Raising Steering Committee and Advisory Committee. Chairmen for the Atlantic Coast, Gulf Coast, and Pacific Coast territories have been appointed and are busy contacting Chairmen for each state falling under their jurisdiction.

I would like to request that when each member of the ACS is contacted that you give very serious consideration to any request made of you and join in the Fortieth Anniversary Campaign by giving of your time, talent and financial support. Each member will be contacted on or before December 31, 1985.

It is my opinion that 1985 will be the best year, within the next five years, to make a contribution from a tax standpoint, because we do not know what the tax situation will be after 1985.

I talk to Alfus Johnson quite often and I am pleased to report that he has a fine program planned for the ACS Fall Meeting in Houston which is scheduled for November 14th through the 16th. Make plans to attend and be royally entertained. A great show is planned for November 14th and will be on display where we can enjoy the flowers throughout the meeting. Everyone should bring flowers if at all possible.

We have experienced extraordinarily hot weather on the Atlantic and Gulf Coasts very early this year and, as a result, watering plants is essential. If my plants are representative, I can say that we will have good flowers for the Fall Shows. My plants do not show any damage from last winter's cold spell or the high temperatures this spring.

I hope all of you have a nice Summer and am looking forward to visiting with you in Houston this November.

ACS

Executive Director Search Committee

President Abendroth has appointed an Executive Director Search Committee. Its function will be to select and present to the Governing Board of the Society an Executive Director to replace the incumbent, Milton H. Brown. Brown is retiring effective July 1st, 1987.

The Committee is composed of Dr. James M. Habel, Jr. as Chairman and Roy C. Stringfellow and Milton H. Brown. Joining these men will be the new President-Elect, who will be chosen from the Atlantic Coast Territory when the ACS meets in Norfolk, Virginia in April 1986.

Meanwhile, if any member or Friend of the ACS has a candidate for this position he can inform Dr. Habel, 726 Jones St., Suffolk, VA 23434. Details of the requirements for the job and salary can be discussed with him. The Committee will, then, make the recommendation to the Governing Board which will give the final approval for hiring. It is Brown's hope that the new person can be "brought aboard" early in 1987 so that person can be in full swing beginning July 1st.

OFFICERS AND DIRECTORS

PRESIDENT

G. F. Abendroth, Shreveport, LA 71106
535 Millmont Way

PRESIDENTS EMERITI

S. L. Macbry, Wilmington, NC 28401
741 Forest Hills Drive
Dr. J. M. Habel, Jr., Suffolk, VA 23434
726 Jones St.
Judge Sherrill Hallbert, Sacramento, CA 95814
4052 U. S. Courthouse, 600 Capitol Mall
William P. Kemp, Goldsboro, NC 27530
1518 E. Mulberry St.
Roy C. Stringfellow, Shreveport, LA 71104
746 Elmwood
Thomas C. Evans, Aiken, SC 29801
701 Winged Foot Drive
Jack L. Mandarich, Menlo Park, CA 94025
700 Woodland Avenue

VICE-PRESIDENTS

Atlantic Coast: L. M. Fetterman,
Clinton, NC 28328 P. O. Box 306
Gulf Coast: Alfus O. Johnson,
Houston, TX 77090
5707 Jackwood Blvd.
Pacific Coast: Alfred Gampert,
La Canada, CA 91011
2118 Via Veneto

TREASURER

Dr. Earl Beatty, Jr., Fort Valley, GA 31030
Forrest Drive

EXECUTIVE DIRECTOR-EDITOR

Milton H. Brown, Fort Valley, GA 31030
Personal: 409 W. Church St., Tel. (912) 825-7870
Office: P. O. Box 1217, Ft. Valley, GA 31030
Tel. (912) 967-2358

ASSISTANT EXECUTIVE SECRETARY

Ann Blair Brown, Ft. Valley, GA 31030
409 W. Church St.

EXECUTIVE SECRETARY EMERITUS/

ASST. EDITOR

Joseph H. Pyron, Reynolds, GA 31076
P. O. Box 132

BOARD OF TRUSTEES, CHAIRMAN

G. Stuart Watson, Albany, GA 31702
P. O. Box 2006

BOARD OF TRUSTEES, CHAIRMAN

EMERITUS

Spencer C. Walden, Jr., Albany, GA 31702
1201 Pinecrest Dr.

BOARD OF TRUSTEES, SECRETARY

Milton H. Brown, Ft. Valley, GA 31030
409 W. Church St.

BOARD OF DIRECTORS, CHAIRMAN

Carl M. Allen, Jr., Wilmington, NC 28403
1812 Live Oak Parkway

DIRECTORS-AT-LARGE

William D. Stewart, Sacramento, CA 95822
912 Boulder Way

T. B. Kelling, Modesto, CA
2805 Sheffield Lane

Mrs. Henry S. Stone, Baton Rouge, LA 70806
3060 Oleander St.

Dr. Alvin E. Johnson, New Orleans, LA 70122
6548 Pratt Drive

Carl M. Allen, Jr., Wilmington, NC 28403
1812 Live Oak Parkway

Mrs. C. C. Mason, Norfolk, VA 23509
7320 Glenaire Ave. Apt. 201

STATE DIRECTORS

Cal. (Set) R. D. Hicks, Oxnard, AL 36561
P. O. Box 1175

Dr. Hilary E. Hanna, Eldorado, AR 71730
1515 N. Jefferson Ave.

Mrs. Charles F. O'Malley, Woodside, CA 94062
65 Rollins Drive

Philip W. Ireland, Bethesda, MD 20816
6100 Wallingford Road

Henry Lundford, Gainesville, FL 32602
1923 N.W. 5th Ave.

Wallace F. Freshwater, Fort Valley, GA 31030
416 West Church St.

William F. Mann, Shreveport, LA 71115
2032 Pepper Ridge Dr.

Thomas Perkins, III, Brookhaven, MS 38801
P. O. Box 750

Fred B. Mayo, Fayetteville, NC 28305
334 Devane St.

William T. Shepherd, North Charleston, SC 29406
4724 Park Place, East

Dr. Harry T. Moore, Jr., Nashville, TN 37215
3627 Hillcrest Rd.

Judge Paul Harkey, Dallas, TX 75222
P. O. Box 22122

Robert O. Matthews, Norfolk, VA 23518
Norfolk Bot. Gdn., Airport Road

Alton B. Parker, Newberg, OR
P. O. Box 261

Everett Miller, Kennett Square, PA 19348
Longwood Gardens

The *Camellia* Journal

WORLD'S LARGEST PUBLICATION DEVOTED TO THE GENUS CAMELLIA

Volume 40

Number 3

August, 1985

TABLE OF CONTENTS

	Page
PRESIDENT'S MESSAGE	Inside Front Cover
EXECUTIVE DIRECTOR SEARCH COMMITTEE	Inside Front Cover
THERE'S STILL LIFE OUT THERE, Luther W. Baxter, Jr.	2
YOU CAN HAVE ONE OF THESE IF YOU HURRY	3
FUTURE MEETINGS OF THE ACS	3
A REAL TEXAS RODEO	4
40TH BIRTHDAY PARTY	4
FUTURE MEETINGS OF THE ACS	4
40TH BIRTHDAY MEETING, HOUSTON TEXAS PROGRAM	4
U.K. SUPER O.K., Milton H. Brown	6
SHOW DATES	7
ACS OPERATING BUDGET	8
THE 1985-1986 ARTISTIC ARRANGEMENT CONTEST, Mrs. Clarence Dodson, Mrs. R. D. McNeil, III	10
EXHIBITION TABLE SETTINGS, Mazie Jeanne George	11
CAMELLIAS FOR FLORAL ARRANGEMENTS	12
PHOTOGRAPHING CAMELLIAS	12
AIR MAIL FOR OVERSEAS MEMBERS	12
THE RETURN	13
40TH ANNIVERSARY CAMPAIGN CONTRIBUTORS	13
TIPS FOR VISITING A FLOWER SHOW	13
ADDITIONAL JUDGES APPOINTED	13
FROM THE GUEST EDITOR, Betty Hotchkiss	14
NOTES FROM THE RESEARCH HORTICULTURIST, Betty Hotchkiss	14
GIBBERELIC ACID AND CAMELLIAS, Betty Hotchkiss	14
COLD INJURY OF VEGETATIVE BUDS OF CAMELLIA SPP, Luther W. Baxter, Jr., and Susan G. Fagan	17
ELECTION OF DIRECTORS-AT-LARGE AND STATE DIRECTORS FOR GULF COAST TERRITORY	19
BOEHM-AUDUBON WHOOPING CRANE	20
BOEHM-AUDUBON TRUMPETER SWAN	20
ABOUT OUR COVER FLOWER	20
CAMELLIA TRIVIA CONTEST	21
EDUCATIONAL AIDS AVAILABLE FROM ACS	21
ROSE GARDEN DEDICATED AT CAMELLIA GARDENS, Milton H. Brown	22
"OF CEMENT AND BRICKS," Boyd C. McRee	23
CULTURE OF CAMELLIA CHRYSANTHA, Betty Hotchkiss	24
SHOW REPORTS	26
MEMORIAL DONATIONS	27
ASTRONAUT TO ADDRESS HOUSTON MEETING	27
SPECIAL GIFTS	28
ARLINGTON'S BON AIR PARK SITE CHOSEN FOR EXPERIMENTAL CAMELLIA GARDEN	29
RETHINKING PLANT NUTRITIONAL PRACTICES	30
CONCEPTS OF CAMELLIA CULTURE, J. Carroll Reiners	31
WAXING FLOWERS, Mrs. Edalee Harwell	31
FROM THE DESK OF THE EXECUTIVE DIRECTOR/EDITOR	32
THE SPOTSHOT POWER SPRAYER	32

OFFICIAL PUBLICATION OF THE *American Camellia Society*

MILTON H. BROWN
Executive Secretary — Editor

Address Communications to: Executive Director, American Camellia Society, P. O. Box 1217, Fort Valley, Georgia 31030

Phones: Area Code 912

Office — Marshallville, GA 967-2358

Home — Ft. Valley, GA 825-7870

ACS offices are located at Massee Lane 5 miles south of Fort Valley, Georgia, on State Hwy. 49 or 12 miles west of Interstate 75 from Perry, Georgia, then north on State 49 at Marshallville. Offices and Boehm Gallery open Mon.-Fri. from 8:30 A.M. to 4:00 P.M. Gardens open every day.

(USPS 555-900) (ISSN 0008-204X)

Issued February, May, August and November from the office of the Secretary of the American Camellia Society.

A subscription of \$12.50 brings you the four issues of *The Camellia Journal* and the *American Camellia Yearbook*, published in December.

Entered as second class matter September 1, 1960, at the Post Office at Fort Valley, Georgia, and additional office of entry, under Acts of August 24, 1912. POSTMASTER: Send address changes to *Camellia Journal*, P. O. Box 1217, Fort Valley, GA 31030.

Annual Members — \$12.50; Joint Husband-Wife \$15.00; Sustaining Member \$25.00; Joint Sustaining Member \$30.00; Corporate Member \$50.00; Life Membership \$200.00; Joint Husband-Wife Life Membership \$300.00; Patron Member \$250.00. Make payment to American Camellia Society, Box 1217, Fort Valley, GA 31030.

A membership in or subscription to American Camellia Society will bring you a *Yearbook* and four issues of *The Camellia Journal*.

Affiliated with the American Horticultural Society and the National Council of State Garden Clubs also The Royal Horticultural Society and The International Camellia Society.

Members in Overseas Countries may pay their dues through one of our representatives:

United Kingdom

H. J. Tooby
Acorns, Chapel Lane
Bransford, Wors. WR6 5JG

Australia

Bruce Rose
7 La Boheme Ave.
Caringbak, N.S.W. 2229

New Zealand

New Zealand Camellia Society
c/o Maurice S. Powell
2 Rata St.
Waikanae

Please pay all membership dues and merchandise orders in United States Postal Money Orders, U. S. Currency or International Money Orders or Bank Drafts in U. S. dollars, because of fluctuations in international rates of exchange. Thank you.

Opinions expressed in articles in this magazine do not necessarily reflect the policy of the ACS or of its Officers or Directors. While the *Journal* endeavors to assure the reliability of its advertising, neither *Journal* nor the American Camellia Society can assume responsibility for any transactions between our advertisers and our readers.

© American Camellia Society Articles may not be Republished Without Permission of the Author and the Editor. Copyright 1985.

U.S.A. OFFICERS AND DIRECTORS INTERNATIONAL CAMELLIA SOCIETY

ICS Vice President in U.S.A.

Mrs. Henry S. Stone, Baton Rouge, LA 70806
3060 Oleander St.

Thomas Perkins, III, Brookhaven, MS 38601
P. O. Box 750

Lewis Fetterman, Clinton, NC 28328
P. O. Box 306

William D. Stewart, Sacramento, CA 95822
912 Roeder Way

ICS Membership Representative in U.S.A.
Thomas Perkins, III, Brookhaven, MS 38601
P. O. Box 750

There's Still Life Out There

LUTHER W. BAXTER, JR.

May beauty reign forever! When the going gets tough, the tough get going. The morning of January 21, 1985 was a chilly one; -4°F . With little pressure on the water-conducting vessels from transpiration and evaporation, hope lingered that the camellias (and other plants) might not have been too seriously injured. By mid-March, or even sooner, our hopes would be dashed on the rocks. Leaf after leaf would fall from plant after plant. Denuded twigs and branches stood tall, with their partially opened, dead flower buds still attached. Heavily budded twigs, those with 1 to 3, or more, buds usually were killed outright, the more open the flower the more likely the kill. Occasionally leaves would remain attached to the twigs, presumably because they were instantly killed, and thus these twigs, holding the leaves and flower buds, did not allow the leaves to form a natural abscission layer so that they would fall "naturally." At times there were young twigs, usually formed too late to form flower buds (usually second growth), which made it safely through the winter. However, if too much of the plant had died from the cold, the whole trunk died, and then the living young vegetative twigs without flower buds simply dried up.

Some *Camellia japonica* cultivars, particularly older plants that set flower buds prolifically, such as 'Betty Sheffield', 'Professor Charles S. Sargent', 'Roosevelt Blues', 'Tomorrow', 'Flame', 'Debutante', 'Ville de Nantes', 'Mona Monique', 'Valley Knudsen', some 'Dr. Tinsley' and 'Rev. John G. Drayton' plants but not all of them, and many other cultivars were killed outright. Other cultivars that normally do not set excessive flower buds, such as 'Governor Mouton', 'Kumasaka', 'Rose Hill Red', 'Paulette Goddard', and 'Pope Pius IX' survived without excessive injury. Some branches of 'Rose Hill Red' died but these were associated with too many buds partially opened at the time of the freeze.

Many young plants, without flower buds, of several cultivars survived, such as 'In the Pink', 'Dee Davis', 'Drama Girl', 'Rachel Tarpy' and 'Show Time'.

What caused this calamity? First, the very warm December, at times warmer than warm, caused flower buds to become active, and as they enlarged they did so at the expense of stored energy in the attending twigs and perhaps from even the leaves. Then, when the Siberian Express came roaring through, the swollen to partially opened flower buds, and the vulnerable twigs to which they were attached, froze before this colder than cold super-chilled airblast, leaving death in its wake.

But there were survivors! Through the years selection has been made for bigger and bigger flowers. "The reticulata god" and "the reticulata-hybrid god" said that bigger was better and we believed it. Now, we in the Southeast must go back to the beginning and once again be reminded that the mother plant is also important.

Thus we now have a governor ('Governor Mouton'), a professor ('Prof. Sargent'), a pope ('Pope Pius IX'), a Japanese aristocrat ('Kumasaka'), and a movie star ('Paulette Goddard') that give us hope. Yes, they give us high hope that from out of the slaughter of our prized and beloved plants by the extreme cold, the nucleus is here for a new generation of camellias, along with the untimely lesson that ultimately comes; that nature is never predictable. We must continuously realize that the Southeast is not California; yet, we too can raise camellias, but we must be more selective in the choice of our camellias.

One important consideration to remember is that we have enjoyed camellias for years and years. Why let a couple of bad winters, that most likely will never again happen in our lifetime, defeat us? Camellias can bring joy to the soul while they bring a touch of miracle too, tolling the bell that the long hard winter is past. I

recall the words, "Amazing grace, how great the sound!" We in the Southeast are graced much of the time with weather that the North would gladly receive at any time. While we suffered from the weather colder than cold, did they of the North not suffer more?

Yes, even here at Clemson, the periphery of the camellia belt, we have survivors; they were not all casualties. With the help of plant breeders, and I'm confident that they can and will help, we will begin anew, with enthusiasm, with optimism, and with a great burst of gusto; yes, we can reintroduce this, our beloved plant, our venerable camellia, and let it take its rightful place among the living and not be found among the graveyards of pessimism. Have we not faced adversity before? Is it not when we overcome adversity that we get the greatest satisfaction of success?

Yes, I still have the hallowed ground that spawned the beauty of the camellia that was sufficient for the soul. That hallowed ground will grow yet other camellias; camellia plants selected also for cold tolerance, not just for the flower. There is whispering hope to a weathered but never beathen soul that camellias will come back as bright as the sun after the storm. The storm has passed; let us take our tools and bury the dead to make room for the living. And let our spirit of enthusiasm for our beloved camellia light the way for others. Can there be greater happiness than to share the beauty of your exquisite 'Kumasaka' with a dear friend on a spring day? Yes, we've taken a beating but this is just the first round. Round two belongs to the victor who has heart. And who has more heart than camellia enthusiasts the world over? Yes, emphatically yes, we'll be back, walking amongst the evergreen winter roses imported from the Far East, some of which bear the names of great camellia souls! We may have lost our camellias, but we didn't lose our enthusiasm, our know-how to raise them, and our love for them. And, we didn't lose our camellia friends. I'll see you down the brightly-lit pike where friends of the camellia love to walk in unison; I look forward to our regrouping and then together we will face the future with spirited optimism. When the going gets tough, the tough get going. May beauty reign forever!

You Can Have One of These If You Hurry

The November issue of *The Camellia Journal* will be the 40th Anniversary issue. The Guest Editor for this issue will be Ann Blair Brown.

There will be one or more pages divided into blocks the size of the vacant one above. The cost of such a block will be \$25.00 for one. If you care for more, you can have as many blocks as you wish. In these blocks you can honor selected founders or Charter Members. You can just say "Happy Birthday ACS" or any other message that you wish to put in it so long as it is pertinent to the 40th Anniversary.



One local camellia society has reserved four spaces to congratulate ACS on its 40th year and its work towards eradicating camellia petal blight. An Officer has reserved three spaces personally to remember some of the early founders.

Another Officer, a Committee Chairman and two members of his committee have each reserved a space.

Another officer has just reserved four spaces in one block.

The income from these pages will be used to offset the cost of our annual publications bill. This gives you an opportunity to express publicly your thanks or whatever and at the same time help the publications.

Please write to Guest Editor, November Journal, American Camellia Society, P. O. Box 1217, Fort Valley, GA 31030 and send a check for whatever number of blocks you wish to reserve and the message you wish put in them.

FUTURE MEETINGS OF THE ACS

November 14-17, 1985 Marriott Hotel — Astrodome, Houston, TX
 April 3-6, 1986 The Omni International, Norfolk, VA
 Fall 1986 (Date not yet determined) Pensacola, FL
 April 2-5, 1987 Thunderbird Motor Inn, Portland, OR

*Patronize
Our
Advertisers*

**A Large Selection — Choice Camellias — Growing in Containers
 TAMMIA BLUE RIBBON WINNERS — 1- to 12-Yr. Grafts — In Our Special Soil**

We specialize in large specimens grown outside — 8 - 10 - 12 feet tall

‘Joy Kendrick’ — ACS Cover August Journal 1985

Desirable! Large formal double white to light blush pink with light pink stripes, imbricated petals arranged in 10 rows of 60 large petals and 8 petaloids. Blooms abundantly mid-season. A bushy, upright plant for any location. This beautiful camellia will be a Show Winner!

1-Year grafts — \$35.00 Scions — \$10.00

Many Tammia Blue Ribbon introductions available.

Come visit and see our unusual selections.

If you cannot come — mail your list — we will advise size, price.

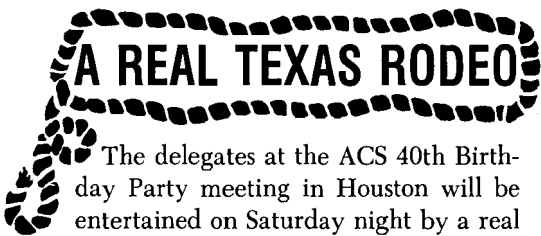
We are USDA certified to ship camellias to all states in soil mixture in containers.

TAMMIA NURSERY

Ferol & Sam Zerkowsky

Mail Address —
 P. O. BOX 157
 SLIDELL, LA 70459

Home and Nursery
 Rt. 3, Box 238, LA Hwy. 1091
 Pearl River, LA 70452
 Tel. (504) 643-3636



The delegates at the ACS 40th Birthday Party meeting in Houston will be entertained on Saturday night by a real Texas rodeo.

This typical rodeo will be held in an indoor pavilion with more than sufficient seating capacity and a bar. The whole evening will be oriented around a Western evening including Texas barbecue (*in Texas barbecue is always, beef yah'll*) with potato salad and all the "trimmings." Beer and soft drinks will be included in your evening's fare. Should anyone desire the "strong stuff" the pay bars are available in the pavilion.

It will be a professional rodeo with a band and full entry, bare back riding, calf and steer roping, girls barrel racing, bull riding and the usual Texan rodeo clowns.

The buses will depart from the convention hotel at 5 p.m. Dinner will begin at 6 p.m. The rodeo will be from 8 p.m. to 10:30 p.m. For those enthusiastic young folks dancing will follow the rodeo.

This should certainly whet your appetite for meeting us all in Houston at the ACS 40th Birthday Party. It will give you the opportunity to wear your Stetson and best Western clothes and boots!



South meets North! Southern Hemisphere and Northern Hemisphere, that is: Mrs. Pat MacDonald of New Zealand and Boyd McRee from the "nation" of Texas. (Photo by Greg Davis)

American Camellia Society

40TH BIRTHDAY PARTY

November 14-16, 1985

Marriott Hotel at Astrodome, Houston, Texas
Houston Camellia Society 28th Annual Show

TENTATIVE PROGRAM

Thursday, November 14, 1985

- 8:00 a.m. to 4:00 p.m. — Registration.
- 10:00 a.m. — Endowment Fund Board of Trustees Meeting.
- 1:00 p.m. to 4:00 p.m. — Exhibitors Enter Flowers.
- 4:00 p.m. to 5:30 p.m. — Judging.
- 6:00 p.m. — Reception in Honor of President Ab Abendroth, Shreveport Camellia Society.

Friday, November 15, 1985

- 9:30 a.m. to 12 noon — Tour National Aeronautical Space Facility OR Bayou Bend Gardens. (*Designate which on Registration.*)
- Lunch on your own.
- Art Museum, Astrodome and Shopping Galleria, on your own.
- 6:00 p.m. — President's Reception (Suite 1022).
- 7:30 p.m. — Banquet.
- (Speaker: Captain Don E. Williams, Astronaut on Mission Discovery, April 1985).

Saturday, November 16, 1985

- 9:00 a.m. to 12 noon — Education Seminar.
- Dr. Luther W. Baxter, Jr. — Report on Research.
- Panel — The Truth, The Whole Truth About Fertilizers — Moderator: Boyd McRee, Panel members: Dr. Luther W. Baxter, Jr., Graduate Student James Blake, Bea Rogers, E. Hulyn Smith and Gene King.
- 2:00 p.m. — ACS Governing Board Meeting.
- RODEO, BARBECUE & BEER — Simonton, Texas.
- 5:00 p.m. — Depart Hotel.
- 6:00 p.m. — Dinner.
- 8:00 p.m. to 10:30 p.m. — Rodeo.
- Dancing after Rodeo.

ACS

FUTURE MEETINGS OF THE ACS

- November 14-17, 1985 Marriott Hotel — Astrodome, Houston, TX
- April 3-6, 1986 The Omni International, Norfolk, VA
- November 6-8, 1986 Pensacola, FL
- April 2-5, 1987 Thunderbird Motor Inn, Portland, OR

40th Birthday Meeting American Camellia Society

November 14-15, 1985 — Houston, Texas

Headquarters Marriott Hotel Astrodome

Hosted by The Houston Camellia Society

PROGRAM TO INCLUDE

ASTRONAUT SPEAKER, Captain Williams
RODEO
BARBECUE
DANCING
BANQUET
SPACE CITY

Tour: NASA FACILITY and MISSION CONTROL
OR BAYOU BEND GARDENS
Visit: ART MUSEUM
TEXAS MEDICAL CENTER
ASTRODOME
GALLERIA SHOPS

Houston Camellia Society's 28th Annual Show

REGISTRATION FEE: \$90 before October 25, \$95 after October 25

(Designate NASA Tour or Bayou Bend Gardens when you send in your reservations)

(NASA TOUR _____)

(BAYOU BEND GARDEN TOUR _____)

SEND RESERVATIONS TO:

ACS Meeting, c/o Mrs. Alfus O. Johnson, 58 South Longspur, The Woodlands, Texas 77380

Please Make Room Reservations Directly to The Marriott Hotel at the Astrodome
(75 Rooms Reserved to October 30, 1985 — Single and Double Rate \$55.00)

Marriott Hotel

at the Astrodome

2100 South Braeswood
at Greenbriar Drive
Houston, Texas 77030
(713) 797-9000

RESERVATIONS RECEIVED AFTER
10/30/85 WILL BE SUBJECT TO GUEST
ROOM AVAILABILITY

PLEASE NOTE THAT OUR CHECK-OUT TIME IS 1 P.M. WE WOULD
ASK THAT YOU PLAN YOUR ARRIVAL AFTER 3 P.M.

GUARANTEED RESERVATIONS

To hold a room past 6:00 p.m., we request
advanced deposit, American Express or Visa
Credit Card Guarantee (card number and ex-
piration date), or a company guarantee of pay-
ment. If you fail to arrive, you will be liable for 1
night's room charge plus tax.

- ☐ 6:00 P.M. Arrival
☐ Guarantee To
☐ Deposit ☐ Company

AMX no. _____ EXP _____/____

VISA no. _____ EXP _____/____

AMERICAN CAMELLIA SOCIETY FALL MEETING

NOVEMBER 13-17, 1985 \$55.00 Single, Double, Triple, Quad

NAME _____ PHONE () _____

ORGANIZATION/FIRM _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

WILL ARRIVE _____
DAY DATE

WILL DEPART _____
DAY DATE

PLEASE RESERVE _____ ROOM(S) FOR _____ PERSON(S)

☐ SINGLE (1 BED) ☐ DOUBLE (1 BED) ☐ DOUBLE (2 BEDS) ☐ TRIPLE (2 BEDS) ☐ QUADRUPLE (2 BEDS)

Please Indicate
6:00 P.M. or
Guaranteed

NAME OF PERSONS SHARING ACCOMMODATIONS

U. K. Super O. K.

MILTON H. BROWN

Since it was originally announced that the 1985 International Camellia Society Congress would be held in Brighton, England the U. K. group under the leadership of Mrs. Violet Lort-Phillips worked arduously to plan an outstanding congress. The organizational plan and the post congress tour plans were under the organization of Miss Cicely Perring. Other U. K. members of the ICS who worked hard prior to the congress and tour are too numerous to mention. Detailed plans were sent out as early as August 1984 for the meeting in May 1985. In order to avoid a long and detailed travel guide we will hit only the highlights in this particular article as the details will be, I am certain, covered in the *International Camellia Journal* under the astute editorship of Kenwyn Clapp.

Greeting us as we arrived at the Old Ship Hotel on the beach at Brighton were some friends of the U. K., a letter of welcome from the ICS President and an agenda for the congress.

On Thursday evening May 9th His Worship The Mayor of Brighton held a reception for all the delegates in the fabulous Brighton pavilion begun in 1787 by the Prince of Wales who lived there and later he lived there as King George. The following day a group visited Leonards-



ICS Vice President John Tooby and the ACS Executive Director, Milton H. Brown as he is giving his talk on the yellow camellia. For a complete article on this talk see the 1985 edition of *The American Camellia Yearbook*. (Photo by Greg Davis)



Happy "colonials" in The Old Ship Hotel pub during the ICS Congress in Brighton, England. Here we see Justine and Emil Carroll, Greg Davis and Frank and Jean Pursel. (Photo by Greg Davis. How did he get into the picture?)

lee the fabulous gardens of Sir Giles Lodor, Bart. and now owned by his son. After that we visited nearby Heaselands where we again saw camellias and rhododendrons in full bloom many of them as high as two stories or more. While much of the gardens here date from 1898 the house and other parts of the gardens were rebuilt in 1933-34 by Mr. and Mrs. Ernest Kleinwort. That evening Mr. Archie Skinner gave an excellent talk about the National Trust Gardens at Sheffield Park which was visited the following afternoon.

On Saturday there were excellent lectures in the morning. Professor Kaoru Hagiya gave an interesting lecture on raising the fertilities of doubled flowering camellias by high temperature treatment. He was followed by a talk by Professor Shunpei Uemoto of Japan who gave an illustrated talk about the distribution of the wild *C. japonica* in Japan and in South Korea. Following the usual morning coffee break Margaret Scott of England gave a really outstanding talk on propagation of camellias by cuttings. It was illustrated by a series of boxes of cuttings in various stages. She in turn passed out Leaflet 889 of the Ministry of Agriculture, Fisheries and Food entitled "Camellias." It has paragraphs to support the text on propagation by cuttings. That evening there was a "Baron of Beef" dinner at the hotel which was highly enjoyed by all as the "Baron" came in prior to the serving of the beef with the carvery containing the delicious roast beef. Dinner was followed by a slide

show on camellias given by Yvonne and Harry Cave of New Zealand.

The lectures Sunday morning included one given by Mr. John Brookes on the development of the 20th century garden plan with changing planting techniques. The next talk was one on the "elimination of variegation viruses from contaminated camellia apexes through graft *in vitro* on aseptically cultivated shoots" by Dr. Jean Cr  z  . European growers do not like variegated blooms as they are the result of viruses unlike most American growers who work toward obtaining variegated varieties. When someone asked Doctor Cr  z   why he was interested in eliminating the viruses he jokingly said, "Because I am a medical Doctor!" The last speaker on Sunday was the Executive Director of The American Camellia Society who gave an illustrated talk on the yellow camellia including the very latest information gathered from around the world.

Most or all of the above lectures will show up in the outstanding *ICS Journal* with parts or all of some in the *ACS Yearbook* which is published after the *ICS Journal*.

The rest of Sunday afternoon was spent visiting either of 3 fascinating gardens. Borde Hill, Nymans and High Beeches. Delegates could choose which one they wished to attend.

The whole day on Monday was taken up with visits to the Valley Gardens and the Savill Gardens nearby to London. Again an interesting packed lunch was provided. Monday evening saw the Fare-

well banquet for this ICS Congress. It was a typical and delicious English banquet with entertainment by a local group which included group singing to put everyone in a happy frame of mind. The ACS Director had the very high honor of having been selected to give the toast to the ICS which was answered by the President of ICS and so ended another fabulous ICS Congress.

This was not the end, however, for some 60 or so individuals who opted to take the post congress tour organized by Cicely Perring. This was at some times strenuous but always exciting. We were delighted to be met at Bodnant Garden in North Wales by our good friends Charles and Muriel Puddle. Charles recently resigned as the head gardener and turned over the reigns to his son Martin who becomes the 3rd generation of the Puddle family to be head gardener of probably the most outstanding garden in the world, that of the Lord Aberconway. Anyone who has grown the fabulous Exbury hybrid deciduous azaleas would have really swooned at the overwhelming beauty of the Exbury hybrids in full bloom in this large garden. Other out-

Show Dates

(ACS Cooperative Shows)

<i>Place, Location, Sponsor</i>	<i>Date</i>
Columbia, SC; SC State Fair; SC State Fair Assn. & Mid-Carolina Camellia Society	October 26-27, 1985
Charleston, SC; Magnolia Plantation & Gardens (3rd Annual Camellia Festival); Coastal Carolina Camellia Society and Magnolia Plantation	November 3, 1985
Fort Valley, GA; Massee Lane Headquarters of ACS; Middle Georgia Camellia Society	November 9-10, 1985
Charleston, SC; First Federal Savings & Loan Assn., 34 Broad Street; Coastal Carolina Camellia Society & First Federal Savings & Loan	November 16-17, 1985
Waycross, GA; Trust Company Bank of Southeast Georgia; Federated Garden Clubs of Waycross & Trust Company	November 20-21, 1985
Valdosta, GA; Valdosta Mall; Valdosta Camellia Society and First State Bank & Trust Company	November 23-24, 1985
Gulfport, MS; Harrison County Courthouse; Gulfport Area Camellia Society, Inc.	November 23-24, 1985
Fort Walton Beach, FL; Fort Walton Camellia Society	November 30, 1985
Jacksonville, Florida; Grande Boulevard Mall; Camellia Society of North Florida — 24th annual	November 30-December 1, 1985
Tallahassee, FL; Tallahassee Mall; Men's Camellia Society of Tallahassee	December 7, 1985
Albany, GA; Albany Mall; Albany Men's Garden Club	December 7, 1985
Jacksonville Beach, FL; Jacksonville Beach Community Center; Island of Beaches Camellia Society	December 7-8, 1985
Slidell, LA; Municipal Auditorium; Ozone Camellia Club	December 7-8, 1985
Pensacola, FL; Mariner's Mall; Men's Camellia Club, Inc.	December 14-15, 1985
Ocala, FL; Paddock Mall; Ocala Camellia Society & Paddock Mall	January 4-5, 1986
Baton Rouge, LA; Louisiana National Bank; 451 Florida Blvd.; Baton Rouge Camellia Society	January 4-5, 1986
Ruston, LA; Holiday Inn; Ruston Men's Camellia Society	January 11-12, 1986
Dallas, TX; Dallas Camellia Society	January 18, 1986
Aiken, SC; University of South Carolina — Aiken; Aiken Camellia Club	January 18-19, 1986
Charleston, SC; Citadel Mall, Hwy. 7; Coastal Carolina Camellia Society	January 25, 1986
Shreveport, LA; B. S. Barnwell Art Center, 501 Fant Parkway; Shreveport Camellia Society	January 25-26, 1986
Tuscaloosa, AL; West Alabama Camellia Club, Inc.	January 25-26, 1986
Fort Walton Beach, FL; Santa Rosa Mall; Fort Walton Camellia Society	January 25-26, 1986
Lakeland, FL; First Federal Florida; First Federal Florida	February 8-9, 1986
Columbia, SC; Columbia Mall; Columbia Mall Merchants Assn. & Mid-Carolina Camellia Society	February 8-9, 1986
Tyler, TX; First City National Bank, Tyler Camellia Club	February 9, 1986
Atlanta, GA; Lenox Square; North Georgia Camellia Society	February 15-16, 1986
Fort Worth, TX; Fort Worth Botanical Gardens Center, 3220 Botanic Drive	February 16, 1986
Chattanooga, TN; Chattanooga Camellia Club	February 22-23, 1986
Fayetteville, NC; Fayetteville Camellia Club	March 1-2, 1986
Beaufort, SC; Lady's Island Jr. High, Hwy. 21; Council of Beaufort Garden Clubs	March 1-2, 1986
Greensboro, NC; Forum VI, Friendly Shopping Center; Men's Piedmont Camellia Club	March 8-9, 1986
Baton Rouge, LA; Baton Rouge Camellia Society	January 10-11, 1987
Portland, OR; Jantzen Beach Mall; Oregon Camellia Society (In conjunction with ACS 42nd Annual Meeting)	April 4-5, 1987

American Camellia Society Fortieth Birthday Party

Meeting Dates: Nov. 13-17, 1985

Site: Houston, Texas

Delta Air Lines, in cooperation with American Camellia Society, is offering a special discount which affords at least a 35/40%* discount off Delta's round trip, undiscounted day coach fares for attendees traveling on Delta to the meeting.

To take advantage of this discount, follow these simple steps:

1. Leave for destination between specified travel dates.
2. Stay no longer than 15 days.
3. Purchase of tickets will determine the percentage of the discount:
45 days prior to departure = 40%* discount
7 days prior to departure = 35%* discount
4. Call this number, 1-800-241-6760, for your reservations 8:30 a.m.-8:00 p.m. Eastern Time — Daily
REFER TO FILE NUMBER F0297 — This special discount is available **only** through this number.

If you normally use the services of a travel agent, have them place your reservations through our toll free number to obtain the same advantages for you. Delta also has a variety of other promotional fares, some of which may represent an even greater savings. Check with Delta for the best discount applicable to your itinerary.

* Applies to Delta round trip day coach fares in the Continental U. S. and Puerto Rico which have not been previously discounted.



DELTA AIR LINES, INC.

OFFICIAL AIRLINES HOUSTON MEETING

standing gardens and Hilliers Arboretum Nursery were visited. The members on this tour had the opportunity to see how porcelain was made in the Royal Worcester Porcelain Factory which has been in continuous production since 1751. Lunch that day was hosted by the ICS Vice President John Tooby and his lovely wife, Nancy. We had the opportunity to see his large nursery operation and to admire their own private garden at their home nearby. The weather seemed to beam on Nancy and John that day. It was raining but stopped before we got to the nursery and started up again about three hours later when we left their home. This post congress tour ended with an eight hour visit to the fabulous Chelsea Flower Show in London. The people then made their various ways with longer trips in England and Europe before returning home.

All of us who attended the congress or went on the post congress tour owe a deep debt of gratitude to our U. K. colleagues. At this congress were people from the U. K., of course, and from the U.S.A., New Zealand, Australia, Japan, Italy, France, Spain and South Africa. It was truly international in every sense of the word.

If any camellia lovers are going to tour England in the fall or the spring they should get in touch with John Tooby, Acorns, Chapel Lane, Bransford, Worcester WR6 5JG, ENGLAND as he twice annually arranges tours to private and public camellia gardens for the U.K.-Western Europe group of the ICS. ICS members from six different countries met at Newquay in Cornwall England for example, in April 1984. Amongst the delights was a visit to the Truro Show where the people saw superb camellias and were entertained by a talk from David Trehane and others in the beautiful gardens of Cornwall. I am sure that the U.K. members would love to have any of you come and attend these interesting get-togethers of camellia friends. I was told that the ICS will meet in September 1986 in Australia and the Spring of 1987 in Naples, Italy. Make your plans to attend one or both of these International meetings now.

American Camellia Society

OPERATING BUDGET

July 1, 1985-June 30, 1986

ANTICIPATED INCOME:

1986 Annual Memberships	\$47,500.00
Proceeds from Sustaining & Corporate Memberships	1,500.00
Interests & Dividends (Includes income from investment of escrow funds for Patron & Life Members, savings account and other Society investments)	12,000.00
Advertising in Journals	6,000.00
Camellia books, Journals, Nomenclature (Net of cost), Yearbooks, binders, etc.	2,500.00
Varietal Registrations	300.00
Show Kits	600.00
Donations, gifts, etc.	1,500.00
ACS Endowment Fund	8,000.00
Ways & Means	10,000.00
"The Camellia," Feathers & Brown	500.00
Miscellaneous (Includes postage, donations for use of slides, gib, etc.) .	2,200.00
"Head Table Cooks"	1,000.00
TOTAL	\$93,600.00

ANTICIPATED EXPENSES:

Yearbooks	\$16,000.00
Journals	18,000.00
Salaries: Executive Director/Editor	7,300.00
Assistant Executive Secretary/Editor	6,000.00
Secretary	8,400.00
Secretaries/Computer Operators	14,000.00
Social Security (Employer's share)	2,600.00
Travel	4,000.00
Office Supplies (Includes Show Kit materials)	1,500.00
Ways & Means	6,000.00
Postage (Society's share)	4,500.00
Telephone (Society's share)	600.00
Fidelity Bond	100.00
Legal & Accounting	450.00
Election Ballots	100.00
Envelopes & Statements for Dues	500.00
Membership Cards	400.00
Miscellaneous	1,500.00
TOTAL	\$91,950.00
	+ 1,650.00

Several members asked that we publish our Operating Budget for the current fiscal year. The above Operating Budget was unanimously passed by the Governing Board at its annual meeting in Mobile, January 17, 1985. You will note the very small "cushion" of only \$1,650.00. This points up the need for the active Fortieth Anniversary Campaign to raise funds among other projects for the Chair of Executive Director and Editor as outlined in the Brochure for this Campaign. The income and expenses are virtually inelastic and as such there is extremely little room to stretch either.



Coastal Carolina Camellia Society

will hold its

3rd Annual Camellia Festival

at

Magnolia

*Plantation and Gardens
Charleston, South Carolina*

Sunday, November 3, 1985

(Festivities Begin 11 a.m.)

Enjoy The

COASTAL CAROLINA CAMELLIA SHOW

- Judging and Exhibition of Camellias
- Selection of Camellia Queen
- Many Other Special Events

Spend a wonderful family day at

MAGNOLIA PLANTATION & GARDENS

Highway 61 Near Charleston, South Carolina

TAX FREE DONATION: Adults \$4.00, Teens \$3.00

12 Years and under FREE.

All proceeds donated to

THE CAMELLIA SOCIETY

Assisted by the S.C. DEPARTMENT OF
PARKS, RECREATION AND TOURISM

For further information contact Betsy Veronee, Director of Public Relations

Rt. 4, Charleston, South Carolina 29407

(803) 571-1266

The 1985-1986 Artistic Arrangement Contest

MRS. CLARENCE DODSON

MRS. R. D. McNEIL, III

Theme: If you Love a Camellia . . .
. . . your heart thrills each time you see the satiny perfection of its lovely and elegant blossom.
. . . your heart swells as you realize that you share this love with others the world over.
. . . your heart warms as you experience their delightful presence in your very own home and garden.

DIVISION II

Artistic Design

SECTION I. Tricolor Classes

The award winning design must be a blue ribbon winner scoring 95 or above. All plant material must be fresh. **ONE OR MORE CAMELLIAS MUST BE USED IN ALL CLASSES.** Additional Plant materials may be used in all classes. In classes where flowers other than camellias are used, then the camellia(s) must be the dominant flower(s). One or more accessories may be permitted. The Tri-Color Award is represented by a rosette combining blue, red and yellow ribbons. This is to be provided by the local show committee. There must be a minimum of three (3) classes with at least four (4) entries in each class to place the award.

If you love a camellia . . .

Class 1. . . *learn of its origin. A design in the oriental manner.*

Class 2. . . *follow it to England. A Victorian design.*

Class 3. . . *reign with it in France where it finds its greatest social success. A design of the French Rococo Period.*

Suggested scale of points for the Tricolor Award Classes

Conformance	10 pts.
Design	30 pts.
Color harmony	20 pts.
Distinction	25 pts.
Expression	15 pts.
Total	100 pts.

SECTION II. Creativity Classes

The award winning design must be a blue ribbon scoring 95 or above. One or more camellias **MUST** be used in all designs with fresh and/or dried plant materials with or without other components. Treated plant material is permitted. The Creativity award is represented by a rosette or purple ribbons and is to be furnished by the local committee.

There must be a minimum of three (3) classes with at least four (4) entries in each class to place the award.

Class 4. . . *sail with them to their new home in America. An expressive design of an objective nature.*

Class 5. . . *share with them the struggle for life on the old frontier. An expressive design of a subjective nature.*

Class 6. . . *stroll among them in the moonlight in the Deep South. A creative design.*

Suggested Scale of Points for Creativity Classes

Conformance	10 pts.
Design	30 pts.
(Balance, Dominance, Contrast, Rhythm, Proportion and Scale)	
Color	10 pts.
Distinction	15 pts.
Creativity	20 pts.
Expression	15 pts.
Total	100 pts.

SECTION III. Creativity Exhibition Tables

The Award winning exhibit must be a blue ribbon winner scoring 95 or above.

The decorative unit must consist of fresh and/or dried plant material with or without other components. Treated plant material will be permitted. One or more camellias **MUST** be used in all classes. The Creativity Award is represented by a rosette of purple ribbons to be furnished by the local committee. There must be at least three (3) classes with at least four (4) entries in each class to place the award.



Herme the "God of Camellias" is seen in an open mythology book with blooms of the ever popular camellia "Herme." (From photo collection of the late Robert Rubel in ACS files.)

An exhibition table is not related to the actual service of food. Only the elements and principles of design govern the selection and placement of appointment and decorative unit within the space allowed.

Class 7. . . *relax with them in Sacramento, the camellia City of the west. Exhibition table suitable for breakfast.*

Class 8. . . *welcome them into today's world. An exhibition table suitable for a luncheon.*

Class 9. . . *carry them with you into the future. An exhibition table set for dinner.*

DESIGN CONTEST RULES

1. Contest is open to exhibitors in Camellia Shows held in conjunction with ACS.
2. The Standard System of awarding as required by National Council of State Garden Clubs shall be used — one blue, one red and one yellow ribbon may be given in each class. A white ribbon may be awarded for honorable mention. The Handbook for Flower Shows, 1977 edition and Supplement, will be used as authority by judges and exhibitors. This is the official guide of National Council of State Garden Clubs.
3. Only blue ribbon winners may be entered in ACS Contest.
4. Class names must adhere to the schedule prepared for the ACS Contest for 1985-1986.
5. Photographs must be received by:
 Mrs. Clarence Dodson
 P. O. Box 159
 Plains, Georgia 31780
 by May 15, 1986 or be disqualified and all photographs become the property of ACS.
6. Photographs must be 5" x 7" or 8" x 10" black and white glossies. They should be clear in design. No entries will be accepted that include entry card, ribbons, trophies or other extraneous material. These must be removed from exhibit before picture is taken. Good photography is essential.
7. It is strongly suggested that a color slide be included for better judging and good evaluation of color. Slides will also become property of ACS.
8. Description information must be typed and accompany photograph. Do not write on back of photograph or attach material with pins or clips. The following description information is required.
 Section and Class
 Design Description and Interpretation
 Container Description
 Materials used — describe color and names of plant material, background and accessories (if used). Name and color of camellia if possible.

Exhibition Table Settings

(For the Flower Show)

9. On a separate sheet, include name and address of designer and Section and Class name. Name of Show and Name of Club(s) sponsoring Show and date of Show.
10. A schedule of the show must be included with each entry.
11. Do not send questions or photographs to the ACS headquarters or ACS president. The chairman of the contest will answer any questions.
12. The Standard System of judging as required by National Council of State Garden Clubs shall be used and the decision of the judges is final.
13. Exhibitors shall be limited to one entry in each class.
14. The 1985-1986 Artistic Design Contest Schedule must be adhered to with the use of camellias.
15. No artificial plant material will be allowed.
16. Schedule may permit treated plant material in Creativity Classes.
17. Backgrounds should be plain for photography purposes.
18. Photographs should be made as soon as possible after judging is completed to capture the freshness of the bloom(s).

THE FOLLOWING POLICIES ARE RECOMMENDED

1. The local Camellia Show Artistic Design Chairman may prepare an entirely different schedule from the one prepared for the ACS Contest. However, if the local group wishes to compete in the ACS Contest, their schedule must be **SELECTED FROM** the ACS schedule and all rules of the contest must be adhered to.
2. Local groups or clubs may add additional classes, including invitational classes to the official schedule if they so desire.
3. Contest entries will be selected only from the ACS design schedule.
4. The Design Judges and the Contest Judges must be accredited by National Council of State Garden Clubs in order to uphold the Standard System of Judging.
5. Lighting adds much to the mood and beauty of Artistic design and photographic clarity. Shadows, which compete with design or arrangement, can often be eliminated by proper lighting when photographing.
6. Local chairman has full responsibility for acquiring ribbons of local Camellia Society as well as tricolor and creativity ribbons. ACS provides certificates for the Most Outstanding Arrangements in the contest.
7. The local club is responsible for staging and for rules of exhibiting and judging to conform to those of the ACS contest.
8. Exhibitors in the Artistic Division need not be members of a Camellia Society.
9. Designs must be made by the exhibitor.
10. The size of backgrounds and space available for each entry should be specified in the local schedule. (However, it is strongly recommended that adequate size be given to staging to allow good design, i.e., 40" for Tricolor, and 48" for Creativity.)

MAZIE JEANNE GEORGE South Coast Camellia Society

The beauty of the Camellia is the main reason for attendance at our Camellia Shows, and their use in design attracts the attention of many. Is it a paradox that it is the Table Setting Sections over which so many of the men linger?



A general view of the Head Table of the Ozone Camellia Show at Slidell, LA, displaying the winning blooms and the attractive awards from the American Camellia Society.

While table settings are a mainstay in everyday living, their use in the Flower Show brings forth many new and creative ideas. As the staging for fully set tables has become more difficult to achieve and a burden on the exhibitor who has to transport all the necessary equipment to and FROM the show along with the design, more flower shows have gone to the single place setting for display. This may take the form of Functional or Exhibition Table Settings.

According to the Handbook for Flower Shows of the National Council of State Garden Clubs, Inc., whose guidelines are used by the American Camellia Society as criteria for exhibiting and judging the following definitions and explanation of Table Settings may provide some help in the coming shows.

"FUNCTIONAL TABLE is a table exhibit arranged for the service of food. Consideration must be given to the scheduled requirements of its use. It will

include dishes, linens, and a decorative unit with or without accessories. These exhibits may range from a tray set for one to a buffet table set for any number."

"EXHIBITION TABLE is not related to the actual service of food. Only the elements and principles of design govern the selection and placement of appointments and the decorative unit within the space allowed. These classes may require a one place setting for breakfast, luncheon, etc., or appointment for buffet or reception, etc., with decorative unit. Exhibition tables may be staged in niches, which may be wider than high, on individual tables, or several on display table with or without background."

The Handbook for Flower Shows, pages 73-75 are suggested for additional information.

As most of our Camellia Shows feature Exhibition Tables, the emphasis of this article will be on those classes.

STAGING: Exhibition Tables can be varied. The schedule might require the cloth to have an overhang (so that all entries in class might be even) or that there be no overhang. Backgrounds of uniform size might be provided by committee. Or, open hinged frames such as those used by the South Coast Camellia Society in Palos Verdes, California might be furnished by the committee. A plain background behind the frames separated the entries, and gave more space between them. In the instance of the open frames, the exhibitor was free to use all the open space with a cloth or partially cover it as with a runner. Backgrounds if used may also be more horizontal than vertical. Or no background with each entry on a separate table. The schedule should specify what is desired.

APPOINTMENTS: include cloth or runner or mat, napkin, dishes (china, plastic, etc.) beverage, and decorative unit (flower arrangement). Please note that the arrangement of these appointments are **NOT** functionally placed, but may be standing, on their side or even hung on the background. If placed functionally (as set for eating) the table setting ceases to be an Exhibition Table.

SCHEDULE: will usually, in fact should, state the meal wished (often the class title will define) number of place settings, and the type of plant materials, whether accessories are permitted.

OTHER CONSIDERATIONS: The elements and principles of design apply not only to the decorative unit, but to the total space designated in the schedule. *Space* should not be crowded, yet well used. Relationship of *textures* is important, both harmonious and contrasting. The eye follows a *line*. This path may be by placement of the appointments as well as the line of the decorative unit. Paths of color can also carry the eye. *Form* of all components is important to the overall design. *Color*, of course has one of the greatest impacts. The class title can often suggest a color combination or emphasis. *Dominance* may seem a strange term to use for a table setting, but it is an important quality and may be accomplished with color, a lowly soup tureen or an interesting serving piece. *Contrast* can give the setting great distinction — combining contrasting colors, textures, forms. A lovely textured fabric in just the right shade might give the setting much more punch than a conventional cloth. (Sheets can make excellent table coverings.) Sharp contrasts can be very exciting. Dare to use contrasts for an imaginative, interesting, creative table setting design. *Scale* or related sizes of all components is of great importance. If beverage glasses are too large or too heavy for a very delicate china, it can throw the whole setting off. *Proportion* refers to the distribution of form and color in the design of the decorative unit and the placement of all components.

Visual *balance* may be created through the distribution of forms and colors (the dishes, glassware, napkins, etc.)

With *repetition* as one of the ways to achieve rhythm; in a perfect table setting the rhythmic flow of line and color must be present.

Every piece of equipment used, the linen, accessories, dishes, glassware all become form, color, texture.

Please note that flat silver is never used in our flower show table settings for obvious reasons.

Functional tables have the appointments placed as ready for food service.

Exhibition table settings have appointments placed without any regard for the service of food.

Again, all elements and principles of design apply not only to the decorative unit, but to the whole setting as well.

—ACS—

Camellias for Floral Arrangements

Members are invited to participate in a survey of camellia varieties found to be useful for floral arrangements.

Visitors to shows and displays frequently ask about the qualities of different camellias for picking and for floral art work. We would like to complete a useful guide this year and publish it in the *Camellia Bulletin*.

You can help make this exercise worthwhile. Please —

1. List the cultivars that you have found suitable for floral work and the names of ones that can be depended upon to last a few days in the vase;
2. indicate when each variety is best picked, e.g. in bud, half open or fully open;
3. offer any tips you have for making blooms last a little longer.

As part of this exercise you are invited to try some of the newer varieties as well as old favorites to determine those that are most reliable.

Please send your selections and comments to Mrs. Pat Macdonald, Creamery Road, R.D. 3, Waiuku. Pat has kindly agreed to collate the replies and prepare the results for publication. She would welcome any comments you might like to add to the basic information.

(EDITOR'S NOTE: This excellent program was outlined as above in "The New Zealand Camellia Bulletin," April-June, 1985. If you have some information send it on to Pat in New Zealand. Also, send answers to the requests for coverage in the ACS *The Camellia Journal* to Betty Hotchkiss, ACS, P. O. Box 1217, Fort Valley, GA 31030. Thank you.)

—ACS—

Photographing Camellias

Mr. G. H. Krendlinger recently wrote ACS Headquarters with the following request. "I am professionally engaged in

studying the *Camellia* genus by means of trackrecording the various stages of progress in form of Close-Up and Macro-Photography and trying establishing borderline species similar to your Southern California climate." Should anyone be interested in exchanging findings in the form of correspondence, please contact Mr. Krendlinger at the below address.

G. H. Krendlinger
Exquisite Decor
P. O. Box 28
Spring Hill
Brisbane, Qld. 4000
AUSTRALIA

—ACS—

Air Mail for Overseas Members

Some of our Overseas Members have asked about the feasibility of sending our ACS publications to them via Air Mail. It is feasible; the cost of air mailing the publications shown below is *in addition* to the cost of the membership dues.

COST OF AIR MAILING JOURNALS

The cost for mailing via Air Mail the four issues of *The Camellia Journal* is as follows:

Australia & New Zealand ..	US \$15.80
Japan and the Far East	US \$15.80
United Kingdom &	
W. Europe	US \$12.16
Argentina & S. America ...	US \$12.16

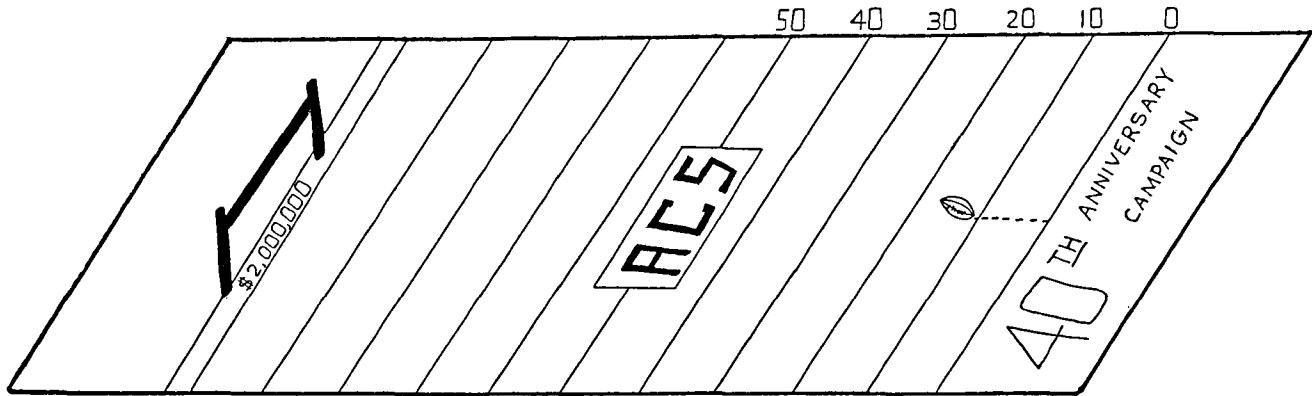
COST OF AIR MAILING YEARBOOK

The cost for mailing via Air Mail one issue of *The American Camellia Yearbook* is as follows:

Australia & New Zealand ..	US \$ 6.26
Japan and the Far East	US \$ 6.26
United Kingdom &	
W. Europe	US \$ 4.66
Argentina & S. America ...	US \$ 4.66

If an Overseas Member wishes all the publications to be sent via Air Mail, he need only add the two relevant figures above: \$22.06 for Australia, New Zealand, Japan, China, Korea; and \$16.82 for United Kingdom and Western Europe and Latin America. The additional cost for mailing via Air Mail must be sent prior to 1 January 1986.

The Return



In the May issue of *The Camellia Journal* you read "KICKOFF" showing the football soaring towards the goal of \$2,000,000.00 for the Fortieth Anniversary Campaign. You also read that the first phase of the Campaign is the obtaining of gifts and pledges from the Officers, Directors, Trustees and Committee Chairmen. This is for the period of 1 June to August 31st. The Committee has urged 100% participation by these officials of the Society and Endowment Fund with whatever amounts they feel they can give to forward the aims and goals of our society.

In football terms, the Return Team is still carrying the ball with about one-third of the officials reporting in. The "ball" is now on the "12½ yard line" with some \$250,000.00 received in the form of cash, securities and pledges. It is hoped that by the time this issue reaches you that the "ball" will have been advanced much further towards the "goal line" of \$2,000,000.00.

This program was unanimously approved with no dissent when the Board met in Mobile so we feel certain that the initial percentage of participation will have taken place by August 31st.

The brochure and pledge cards will be sent to *all members* during the month of August along with an informative letter by the Chairman of the Board, G. Stuart Watson.

Meanwhile, the organizational setup is being established in two of the three Territories. The other one will be coming soon, it is planned. As of now, Thomas C.

Evans is Chairman for the Atlanta Coast Territory and he has named State Chairmen and various Area Chairmen in that Territory. Roy C. Stringfellow and William F. Mann are Co-Chairman for the Gulf Coast Territory. They are also establishing their network of Chairmen in their Territory. The Pacific Coast Territory will soon also have such a network of workers for this very important Campaign.

Let us all get behind the "team" and carry this ball all the way to the Goal Line of \$2,000,000.00 before we are tackled by inertia, lethargy or such. The cheerleader "girls" at Massee Lane echo the cheer, "Go Team! Go!"

40th Anniversary Campaign Contributors

(As of June 21, 1985)

Mr. & Mrs. Alfus O. Johnson
S. L. Marbury
Mr. & Mrs. G. F. Abendroth
G. Stuart Watson
Mr. & Mrs. Milton H. Brown
Dr. & Mrs. J. M. Habel, Jr.
Dr. C. David Scheibert
Carl M. Allen, Jr.
Kathryn S. Allen
Joseph H. Pyron
Mr. & Mrs. William F. Mann
Mr. & Mrs. Douglas Deane Hall
Hugh Shackelford
Mr. & Mrs. Spencer C. Walden, Jr.
Mr. & Mrs. William T. Shepherd
Mr. Roy C. Stringfellow
Jean N. Scowe
Mr. & Mrs. Henry C. Lunsford, Sr.
Frances Hiden Sherk

Mr. & Mrs. Paul A. Dahlen
Woodford F. Harrison
Col. & Mrs. R. D. Hicks
Dr. & Mrs. Hilery E. Hanna
Edith C. Mason
E. Hulyn Smith
Dr. & Mrs. Herbert Racoff

— ACS —

Tips For Visiting A Flower Show

A new brochure to help home gardeners understand and appreciate their visit to a flower show better is being offered at no charge by True Temper, the gardening tool manufacturer.

The handy pocket-sized folder offers shortcuts on when to visit and what to bring to a flower show; how to organize one's time, and what to look for while attending a flower show. The booklet also describes the many preparations that go into the staging of flower exhibits and shares with the reader what the judges look for when evaluating flower and plant presentations.

For a copy of the brochure, write to Flower Show Brochure; Advertising Department; True Temper; P. O. Box 3500; Shiremanstown, Pa. 17011.

— ACS —

Additional Judges Appointed

CALIFORNIA

Fresno:

Mrs. Donald R. Martin (Nov.)

MISSISSIPPI

Jackson:

Mrs. Charles C. Bush

From the Guest Editor

BETTY HOTCHKISS

It has once again been my pleasure and privilege to serve as guest editor for this issue of the *Camellia Journal*. Milton Brown, Executive Director, asked me to fill in for him due to an extended trip to England by the Browns to attend the ICS Congress and other activities.

Several timely and interesting features can be found in this issue. An article on Gibberellic Acid reminds us that it is almost time to begin gibbling. Another article highlights the International Ca-

mellia Society Congress held in Brighton, England. The love and enjoyment of this one flower, the camellia, has created friendships throughout the world. One amusing addition to this issue is the "Camellia Trivia Contest." I hope you will work diligently and send your entry in quickly.

We are approaching an exciting time of year for camellia growers. Although the cold weather has taken its toll the last two years, we look forward to a new blooming season, a new show season, and a time to enjoy our favorite flower — the camellia.

This Spring we planted 100-200 camellias from the Research Greenhouse into the gardens. We hope to replace at least 200-300 more camellias this fall. Any local society or individual who would like to contribute plants or money toward this cause is encouraged to do so before October.

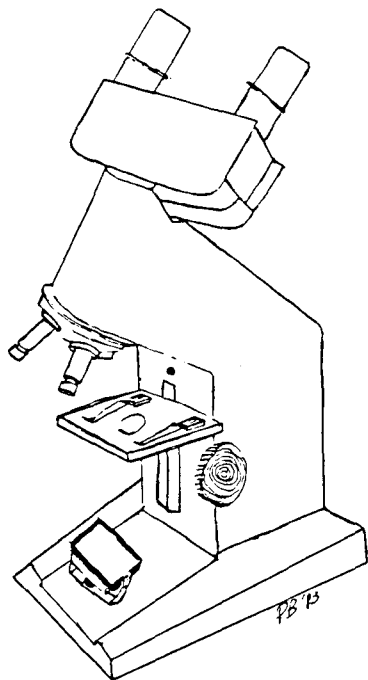
The \$31,000 grant for work on tissue culture of camellias at Fort Valley State College has been approved and equipment ordered. By the time you receive this *Journal* Dr. Johnny Carter and I should have begun working on this most interesting and needed project. Later this summer our Executive Director and I will meet with Dr. Luther Baxter and Carl Frisch (his technician) and Dr. William Ackerman to discuss tissue culture of *C. chrysantha*.

The information bank on *Camellia chrysantha* has gathered cooperators from the U.S., Japan, Australia, England, South Africa, and Italy. Anyone who is currently involved in the culture and hybridization of *C. chrysantha* is encouraged to participate in this project. Simply write to the ACS Horticulturist for information.

As summer draws to a close and fall approaches we are eagerly anticipating our next camellia season. Our beautiful new addition to Massee Lane, the rose garden, as well as the daylilies, herbs, and annuals have made summer at Massee Lane a lovely season. However, Massee Lane comes to the peak of beauty only during camellia season. We look forward to seeing many of you here this year to share this special season.

Notes From The Research Horticulturist

BETTY HOTCHKISS



early June), 30-40% of the plants surveyed had not put out any new growth and were evaluated as dead. This rating will be done again in September to determine which varieties may have put out new growth and which may have died after they were evaluated. Except for a very few camellias (less than 5%) all camellia plants eventually lost all of their leaves and have only new growth. An article evaluating cold damage to camellias in this area will be in the 1985 Yearbook.

Summer has been a busy time for us in the gardens. Much of our work has been involved in pruning camellias and other plants damaged by the cold. Massee Lane will have a new look this fall as many of the 40-year-old 20-foot-tall camellias have been pruned to 3-5 feet or even removed if dead. Many visitors have come by the gardens with questions about when and how to prune. This has certainly been a major concern on everyone's mind.

As summer comes to a close, the effects of cold damage to camellias has been evaluated. Here at Massee Lane we have rated damage on a scale of 1-6 (with 6 being dead and 1 showing no damage). This provided interesting information on the many varieties we have here. We also rated plants in the Fort Valley area using this same scale to obtain as many replicates as possible of the different varieties. At the time of this evaluation (late May to

Gibberellic acid (gib) has been used by camellia growers for at least 25 years. However, many questions still arise concerning the use of gib and the answers are not always available.

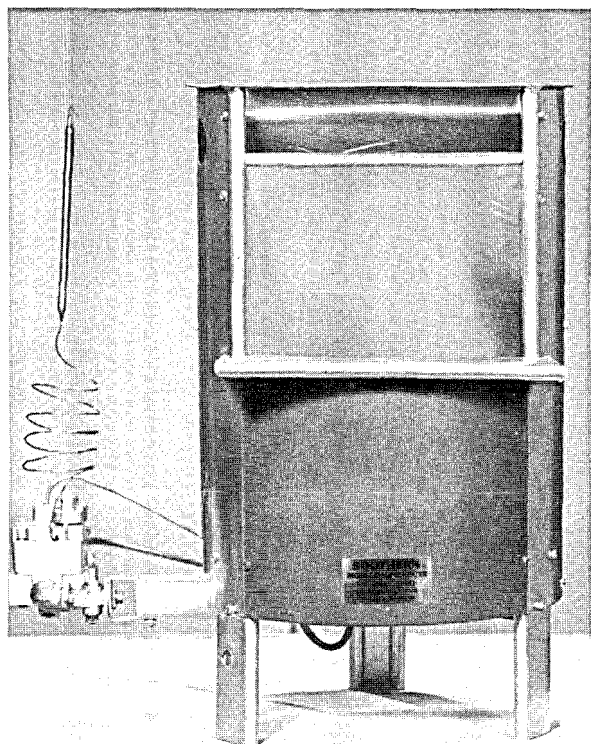
The use of gibberellic acid has had radical effects on the camellia hobby. Most importantly, it allows camellia growers to have blooms much earlier in

the season than before. Following the use of gib, blooms may be produced as early as October and certainly will be seen in November and December. The advantages of this are several-fold. First, it allows the camellia grower to extend the blooming period of camellias from three to six months. Second, it allows the grower to enjoy blooms before cold

Gibberellic Acid and Camellias

BETTY HOTCHKISS

Dependable GREENHOUSE HEATERS



MODEL C-1
with open
flame
adds CO₂
to greenhouse.

Reliable heaters for almost a half century for any type greenhouse. More heat for less fuel cost on natural or LP gas. Automatic or manual operation.

Low temp (35-70) controls available on request for Camellia growers

For literature, prices, dealer names, write or call (405) 224-5000

SOUTHERN BURNER CO.

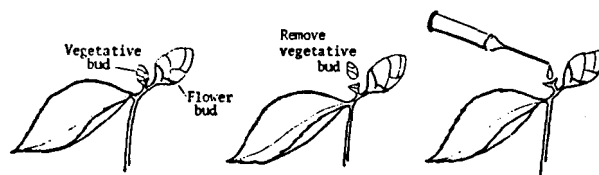
BOX 885 CHICKASHA, OKLA. 73018

A.C.S. Gib

GIBBERELIC ACID POWDER

ONE GRAM--\$6.50 POSTPAID

ONE GRAM WILL MAKE UP TO
100 CC OF SOLUTION



A.C.S. Gib
P.O. Box 1217
Fort Valley, GA 31030

weather takes its toll in many of our Southeastern gardens. And third, it allows the grower to enjoy blooms before flower blight makes its ugly appearance. (Flower blight is generally observed only in the late winter or very early spring. For more information on this disease see the Special Issue of *The Camellia Journal* on Pests and Diseases, August, 1983.) Another impact of using gibberellic acid on camellias is the increase in flower size noted on many varieties.

So, with these advantages in mind, I

will attempt to explain the history, effects, and use of gibberellin on camellias.

History of Gibberellin

The story of gibberellic acid goes back 157 years to Japan where in 1828 T. A. Konishi described a disease of rice characterized by rice seedlings which grew taller than healthy plants and failed to produce grain at maturity. Not until seventy years later, in 1898, was this disease named by a Japanese plant pathologist, S. Hori. He called this problem "bakanae"

or foolish rice. In 1926 another Japanese plant pathologist, Kurosawa, showed that the fungus, *Giberella fujikuroi*, produced a plant growth promoting substance. Yabuta and Sumiki, in 1938, isolated gibberellin, the active pure ingredient produced by the fungus.

General interest in gibberellins did not arise outside of Japan until 1954 when two groups of workers in the United States and England began further study of the biological properties of gibberellin. A great deal of work was done in the

1950's throughout the world in which gibberellin was applied to a wide variety of kinds of plants under a wide variety of circumstances. One commercial use of gibberellic acid today is its application on grapes to promote parthenocarpic fruit set and berry enlargement.

The first report on the use of gibberellin on camellias was in 1957 by J. Bonner and J. A. Lockhart who used it to break dormancy in growth buds. In 1957 Merck and Co. included camellias among plants tested with this substance. C. P. North published an article in 1959 on the use of gibberellin on growth and flowering of several camellia varieties. Colonel Frank Reed and Dr. Herbert Racoff were other early testers of gibberellic acid on camellias.

What is Gib and What Does It Do?

Gibberellin is a complex organic chemical compound (see Fig. 1) that is found naturally in most higher plants. In 1971 there were 35 known gibberellins and are probably more by now. All of the gibberellins have the same basic structure with different chemical materials attached around the gibbane ring. Gibberellic acid, GA_3 , is the form of "gib" we use on our camellias. GA_3 is found in most plants and is probably the most active of the gibberellins. This is thought to be due to the fact that most plants must convert the other gibberellins to GA_3 to use them effectively.

There are many biological functions of gibberellin. They are listed below:

- 1) (In both vegetative and flower growth) they increase cell elongation. Following treatment with gib, the individual cell will be larger than normal.

- 2) They increase cell division. Treated tissue will have more cells, with each cell being larger, than untreated tissue.
- 3) Cell plasticity is increased, allowing the cell wall to stretch as the interior of the cell develops.
- 4) Treatment with GA_3 causes increased development of Auxin, another type of plant growth regulator.
- 5) Treatment increases parthenocarpic fruit set (ability of the plant to develop fruit without fertilization).
- 6) The use of gibberellins reverses genetic dwarfism causing dwarf plants to grow faster.
- 7) Gibberellins affect the flower cycle causing flowers to bloom earlier. This breaking of dormancy is not easily explained or fully known.

How to Use Gibberellic Acid

Gibberellic acid dissolves readily in a slightly alkaline solution. This is accomplished by adding a small amount of ammonia to distilled water. Gibberellic acid may be purchased legally for camellias by the gram as a powder in the United States only from The American Camellia Society. (It may be purchased in an alcohol solution from Security Chemical Co.) One gram of gibberellic acid placed in 2-3 fl. oz. of water gives a concentration of 10,000-20,000 ppm or 1-2%. (This is the range of strength generally recommended for use on camellias.) Gibberellic acid may be stored in the powder form indefinitely if kept out of direct sunlight. Once it is dissolved, it must be stored in a refrigerator and will keep for several months.

To apply, simply twist off the growth bud adjacent to the flower bud which is

to be treated (see Fig. 2). Apply one drop of the prepared solution with an eyedropper or syringe in the "cup" where the vegetative bud had been. The response times cannot be predicted accurately. It varies according to the maturity of the bud treated and environmental conditions.

There are some cautions that must be observed. Gib can distort blooms of a few varieties. It is best to experiment on new varieties. Several blue-toned flowers such as 'Mathotiana' may appear more blue following treatment with gib. More is not necessarily better as far as gibberellic acid is concerned. Too much may cause the flower bud to darken and shrivel. Blooms treated with gib should be removed from the plant. Cut at least down to the next healthy growth bud below the treated bloom. It is best not to treat too many buds on one plant and not to treat buds on a very young plant. Some camellia growers feel this may reduce the vigor of a plant although there is no danger if less than ¼ of the buds are treated. Gibberellic acid is not recommended and does not appear to improve the blooms of flowers other than camellias. Above all, gibberellic acid is NOT a substitute for good cultural practices.

Gibbing is Easy

Gibberellic acid is easy to apply and gives good success most of the time. If you have never tried it before, you will be surprised at how easy it is. Begin "gibbing" some plants around Labor Day and continue on a weekly basis until December to assure you of camellia blooms throughout the season. Start gibbing now!!!

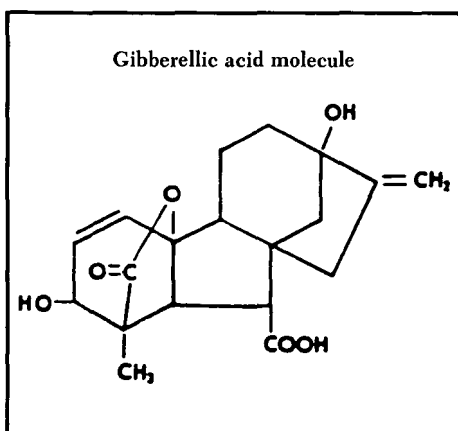


FIG. 1

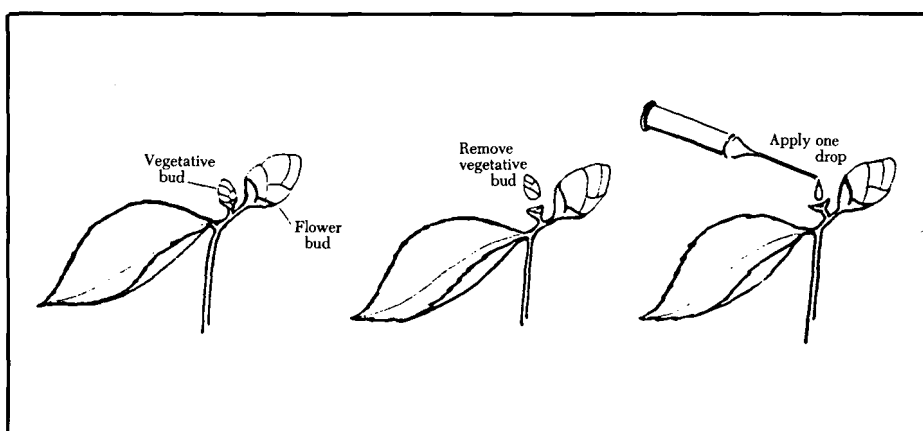


FIG. 2

Cold Injury Of Vegetative Buds Of *Camellia* SPP.

LUTHER W. BAXTER, JR. and SUSAN G. FAGAN

On January 21, 1985, the official low temperature for the Clemson area of South Carolina was -5°F . As a result of this temperature, camellias were extensively damaged. Most all of the flower buds were killed so that no color showed later in the spring although there were a few poor flowers on a very few *Camellia japonica* cultivars, such as 'Governor Mouton,' 'Rose Hill Red' and 'Kumasaka.' No seed pods were set as far as we have been able to determine.

In addition to injury to camellia flower buds, most vegetative buds were either killed or severely injured. Figure 1 shows a vegetative bud (late May) that did not develop, and Figure 2 shows it after the dead miniature leaves and scales were removed. Figures 3 and 4 show vegetative buds that had all of the lower

leaves seriously injured as revealed by extreme distortion. Note that the terminal leaf is practically normal. This is the usual case but there were shoots whereby all of the developing leaves were moderately to seriously distorted.

Leaf distortions were common in the spring of 1966, 1967, 1984 and 1985, occurring to some degree on all varieties of *C. japonica*. Generally speaking, leaf distortion occurs when temperatures drop to 10°F or lower. Low temperature for 1966 was 0°F , 1967 $+7^{\circ}\text{F}$, 1983 (December 25) $+5^{\circ}\text{F}$, and 1985 (January 21) -5°F .

An early freeze or a late freeze can also cause serious cold injury to both vegetative and floral buds.

Vegetative buds were injured slightly to severely on *C. sasanqua*, *C. oleifera*, *C. japonica*, and *Camellia* hybrids.

It has been our experience, however, that good vegetative and floral buds are

set in the axils of these severely distorted leaves. Thus, if we have a moderate winter (lower 12° to 15°F at the proper time, from Christmas until Valentine's Day) the 1986 spring growth of vegetative twigs and leaves will be normal.

This note was written so that you can properly interpret some of the things that you see on your surviving camellia plants.

ACKNOWLEDGMENT

Acknowledgment of Drs. O. J. Dickerson and W. M. Epps for reviewing the manuscript and to Mr. Dave Lewis for the pictures.



Fig. 1. Dead vegetative bud as seen before shedding of scales and miniature leaves.



Fig. 2. Miniature dead twig resulting from freeze after scales and undeveloped leaves have dropped.



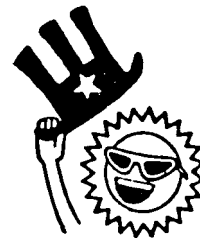
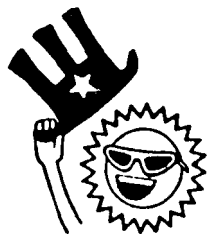
Fig. 3. Leaves on developed twigs from vegetative buds set in the spring of 1985. Note serious distortions on all except the terminal leaf of one of the twigs.



Fig. 4. Different view of Fig. 3 but a couple of near normal leaves can be seen under the normal leaf.

Contribution No. 2430 of the South Carolina Agricultural Experiment Station.

November 9-10, 1985



*The Thirteenth Annual Fall Show at
Historic Massee Lane ACS Headquarters*

Middle Georgia Camellia Society

Cordially Invites You to Participate In This Event

HELD IN COOPERATION WITH THE
AMERICAN CAMELLIA SOCIETY

*There will be Separate Classes for Grown-Out-of-Doors
and Under Glass*

There will be equal awards for Grown-out-of-Doors and
Under Glass; except for Best 'Ville de Nantes,' Best
White, Best Bloom Raised by a Member of The Mid-
dle Georgia Camellia Society, Best Bloom in Show and
Best Bloom in Novice Class.

AWARDS for Artistic Arrangements, Sasanqua blooms,
Reticulata and Retic Hybrids, and Non-Retic Hybrids
will be made.

ARTISTIC ARRANGEMENTS (See August issue of
Camellia Journal.)

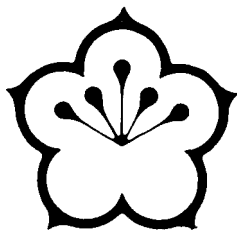
For Program Schedule, etc. contact C. Warren Thompson, 702 Forrest Drive, Fort Valley, GA 31030

Telephone (912) 825-2559

ANNUAL CAMELLIA SHOW IN VALDOSTA, GEORGIA

NOVEMBER 23-24, 1985

Sponsored by The Valdosta Ca-
mellia Society and The First State
Bank and Trust Company in Co-
operation with The Valdosta Mall



**VALDOSTA
MALL**

THE CENTER OF IT ALL

Nobody treats you better than

Georgia

For Schedule and other informa-
tion contact E. Hulyn Smith, 2436
Meadowbrook Drive, Valdosta,
Georgia 31602. Phone (912)
242-1390

BEST-IN-SHOW

Cash Award of \$100.00

ALL OTHER AWARDS

ACS Crystal

Separate Classes —

*Out-of-Doors
and Under Glass*

*Best Valdosta
Grown Camellias*

IN COOPERATION WITH AMERICAN CAMELLIA SOCIETY

Election of Directors-at-Large and State Directors for Gulf Coast Territory

Gulf Coast Territory Vice President Alfus O. Johnson turned in the following report of nominations for Directors-at-Large and State Directors for the Gulf Coast Territory. This is in accordance with the article on page 5 of the February 1985 *The Camellia Journal*.

In September all ACS members of the Gulf Coast Territory will receive ballots. For the Directors-at-Large each will vote for 2 of the 3 nominees. In the state of Florida, Florida members will vote for 1 of the 2 nominees for State Director. In the other states the candidates are unopposed and therefore no voting for State Director is required.

Directors-at-Large

The incumbent Directors-at-Large Dr. Alvin E. Johnson of New Orleans and Mrs. Henry S. Stone of Baton Rouge are not eligible for reelection. *The following 3 candidates have agreed to have their names in nomination:*

1. *Dr. C. David Scheibert of Nashville, Tennessee.* Dr. Scheibert is a Trustee of the ACS Endowment Fund and has served in the various positions of The Middle Tennessee Camellia Society and is a member of both the ASC Research Advisory Committee and the ACS Convention Committee and is the State Chairman of the 40th Anniversary Campaign and a regional adviser. He recently donated the lovely rose garden at Massee Lane. He was an active member in putting on the ACS convention in Nashville and attended other ACS conventions. He is President-Elect of The Gulf Coast Camellia Society where he served as Vice President-at-Large. His interest in camellias has taken him to Australia, New Zealand and China. He also judges in various camellia shows.

2. *Gregory E. Davis of Houston, Texas.* Mr. Davis has served in all capacities in The Houston Camellia Society for the last 20 years. He has been responsible for sustaining the interest of its members

in camellias. He has been an active participant in The Texas Camellia Society and The Gulf Coast Camellia Society, serving as Vice President from Texas on several occasions. He also is the unofficial photographer for ACS and has had many of his pictures printed in its publications. Greg is active in the planning of the ACS convention in Houston this November and has attended other ACS conventions and more recently the ICS convention in England.

3. *C. B. (Dick) Goodson of Jackson, Mississippi.* Dick is one of the very active members of The Jackson Camellia Society and has assisted it in producing its show there. He and his wife travel to several ACS accredited shows a year to exhibit and assist in judging them. He was active a few years ago in preparation for the ACS convention in Jackson. He is the State Chairman of the 40th Anniversary Campaign.

State Directors

Arkansas . . . Dr. Hilery Hanna of El Dorado (Unopposed)
Alabama . . . Col. R. D. Hicks of Ozark (Unopposed)
Louisiana . . . William F. Mann of Shreveport (Unopposed)
Mississippi . . Thomas Perkins, III of Brookhaven (Unopposed)
Tennessee . . . George N. Griffin of Nashville (Unopposed)
Texas Boyd McRee of Conroe (Unopposed)
Florida *There are two nominees for the Directorship of the State of Florida.*

1. *Edward L. Atkins, Col. USAF Ret.* Colonel Atkins has been very active in The Fort Walton Camellia Club serving in many leadership positions. A few years ago he was one of the active members of

this Society in hosting an ACS convention there. He is Past President of The Gulf Coast Camellia Society and is a Director of the Atlantic Coast Camellia Society. He has served as a member of the ACS Illges Award Committee. As an accredited ACS judge he has participated in many shows as a judge and exhibitor and has attended some ACS meetings in recent years.

2. *Dr. Asa Barnes, Col. USAR Ret.* Dr. Barnes is a retired physician and the former Health Officer of the Nassau-Baker counties. He has been active in The North Florida Camellia Society and is a former Vice President of that Society. He is a Director of The Atlantic Coast Camellia Society and an ACS accredited judge and a participant in Share of the Horticulturist of ACS. He has recently attended the ICS meeting in England. As an accredited ACS judge he and his wife travel to several shows and some ACS conventions to exhibit camellias and to judge in some of them. He has served as a proxy for the ACS State Director.

Congratulations are in order for the Vice President and the members of his nominating committee for coming up with such a slate of deserving Directors and Directors-at-Large. It is just too bad that everyone can't be elected to serve on this board. However, of course, this is not possible. The results of the election will be announced at the ACS convention in Houston.

Compliments of

STA-GREEN PLANT
FOOD COMPANY
STA-GREEN CAMELLIA &
AZALEA FOOD and other
STA-GREEN PLANT FOODS

Sold at leading nurseries in the
South

Boehm-Audubon Whooping Crane

This most interesting porcelain Whooping Crane was given to the Society by Roy C. Stringfellow of Shreveport, LA in loving memory of his wife Mary. It is on a cabinet in the Rare Book Library.

This crane is one of the rarest in all the world, the latest count being approximately 50 or so in number. Through careful protective and breeding programs, the bird gradually is increasing in number, saved from the brink of extinction.

The adults have a large wingspread that spans as much as 7½ feet, making the Whooping Crane the largest of North American wading birds. Its exaggerated long, thin legs and neck are characteristic of the species.

The cranes mate for life and build their nests in wet sloughs, swales or marshes, usually a flat mound of rushes lying above the surrounding water. Although two eggs commonly are laid, only one chick tends to survive to adulthood.

The Boehm Crane, in tribute to this important American bird, is the second sculpture in a series joining the Boehm artists and the Audubon Society. Like its predecessor, the Egret which was offered for 1983, the Whooping Crane was available for 1984 only, and bears the hallmarks of Boehm and Audubon, and will be numbered and personally signed by Mrs. Helen F. Boehm.

Boehm-Audubon Trumpeter Swan

Our latest addition to the fabulous Boehm porcelain collection at Massee Lane is the Trumpeter Swan. It was given to us by Dorothy (Mrs. Clyde X.) Copeland in loving memory of her husband Clyde.

Legend has it that the Swan was the only creature lovely enough to grace the waters of perfection. In keeping with this legend, the National Audubon Society and the Boehm Studios are proud to announce the Official 1985 National Audubon Society Sculpture.

Created by the world famous artists of the Boehm Studios, the Trumpeter Swan becomes the legend in its graceful perfection. Hand painted in fine bisque porcelain, the Trumpeter has been posed at the moment of landing, sending a spray of water and foam from its powerful webbed feet. L.I.G. — Year 1985.

The purity of Boehm porcelain lends itself perfectly to the portrayal of the Trumpeter Swan. It is the porcelain that proclaims the bird's whiteness and the sculptor's skill that precisely delineates each feather detail, allowing the play of light and shadow to reveal the Swan's true character.

Mythology of the Swan dates back to man's first recording of legend. To the Greeks, the Swan was the form taken by Zeus to seduce the beautiful mortal Leda. To the people of nearly every other country inhabited by the Swan, it was associ-

ated with music and purity and the possessor of a prophetic vision. It has always been a symbol of beauty, grace and serenity.

There are many who believe that the Trumpeter Swan is the most beautiful Swan of all. Named for its strikingly deep, trumpeting call, it is also distinguished by the pure whiteness of its feathers and the line of red which decorates the lower edge of its bill.

The Trumpeter is North America's largest bird. While on the verge of extinction in the 1930's it became protected by the United States and Canada and is now flourishing. They may be found in the wilds of Alaska, Montana and Wyoming in the United States, and in the Canadian provinces of Alberta and British Columbia.

—ACS—

About Our Cover Flower

Joy Kendrick is an avid camellia enthusiast, growing them at home and around the spacious pediatric clinic where she works daily with her husband, Slidell's outstanding pediatrician, Marvin E. Kendrick, M.D. Her close contact with children increased Joy's interest in all flowers, especially the camellia. Their long blooming period and beauty always attracted the children's attention.

It is fitting to name such a beautiful flower after an attractive, energetic lover of camellias. Blooms white to blush pink with light pink stripes.



Camellia Trivia Contest

Trivia fever is everywhere. The following camellia trivia quiz has been designed so that camellia lovers can participate in this new craze. Don't be afraid to look the answers up! ACS publications can be most valuable sources of information. Each of the first 5 persons with all 25 answered correctly will receive a prize from our gift shop. Mail your answers today!

1. What camellia variety was featured on the 1981 U. S. Postage Stamp?
2. How many times has the award of Fellow been bestowed in the American Camellia Society?
3. What is the scientific name (genus and species) of the fungus that causes camellia flower blight?
4. What camellia is named for the head of a cow?
5. Who was the first president of the American Camellia Society?
6. Who was the donor who gave the land on which the Headquarters of the American Camellia Society now stands?
7. What is the name of the award given to the best miniature?
8. What is the form of the flower 'Debutante'?
9. Where did the variety 'Glen 40' originate?
10. What is the more common name for the camellia 'Frau Minna Seidel'?
11. In what year was ACS Headquarters moved to Massee Lane?
12. What *Camellia japonica* variety was the most outstanding in camellia shows throughout the U. S. in 1981?
13. In what year did seeds of the yellow camellia, *C. chrysantha*, first come to the United States?
14. What variety of camellia is planted at the front door of the headquarters of the American Camellia Society?
15. Who is the present Chairman of the Board of Trustees of ACS?
16. What camellia species is used for the production of the drink "tea"?
17. Did Joseph Kamel, for whom the camellia is named, first bring the camellia from the orient to Europe?
18. What is the hometown of the current president of ACS?

19. In what year and state was the American Camellia Society established?
20. Where will the 1987 Annual Spring ACS Meeting be held?
21. Who was the first Chairman of the Board of Trustees for ACS?
22. How many Directors-at-Large are there on the Board of Directors of ACS?
23. To what country is the species *Camellia reticulata* native?
24. Name one camellia that is named for a Greek god or goddess.
25. Name the two Executive Secretaries of ACS with the same surname.

ACS

Educational Aids Available From ACS

One of the purposes of The American Camellia Society is educational. It is our goal to better inform the public about camellias and their care. In line with this purpose, we currently have 18 sets of slides complete with text which may be borrowed for a small donation to cover postage and handling. These slide sets are sent First Class Mail about 10 days prior to your meeting. These sets make excellent programs for local societies. They are also available for use when you, as a "camellia expert," are asked to present a program to a garden club, civic group, etc. A new type of educational aid we have is the ACS Fact Sheet. These are one page sheets describing various aspects of camellia culture. They are especially helpful for new club members and also to hand out at camellia shows. These Fact Sheets were prepared by the ACS Horticulturist and are available at a cost of 25 cents for 1 copy and 10 cents for each additional copy. A final educational aid available is your ACS Executive Director or Horticulturist. They are available to answer questions on various topics by telephone or correspondence. On a limited basis, they are available to present programs to local societies and groups.

Below is a listing of slides and Fact Sheets available for your use:

ACS FACT SHEETS

- ACS Fact Sheet No. 1 — Planting of Camellias
ACS Fact Sheet No. 2 — Pruning and Disbudding of Camellias
ACS Fact Sheet No. 3 — Disease Problems of Camellias
ACS Fact Sheet No. 4 — Good Garden Varieties
ACS Fact Sheet No. 5 — Gibbing Camellias
ACS Fact Sheet No. 6 — Grafting Camellias
ACS Fact Sheet No. 7 — Air Layering Camellias
ACS Fact Sheet No. 8 — Propagating Camellias by Cuttings and Seeds
ACS Fact Sheet No. 9 — Insects and Pests of Camellias
ACS Fact Sheet No. 10 — Fertilization and Soils

SLIDE SETS AVAILABLE

3. "Hybridizing is Fun," 40 slides plus a text.
4. Camellias For the Garden, about 60 slides.
5. Illges, Sewell, Harris, Peer and SCCS Award Winners, about 90 slides.
6. Diseases, about 30 slides with text by Dr. Mullen.
7. Potpourri of Massee Lane, about 80 slides of interesting things to see at Massee Lane.
8. Award Winning Artistic Arrangements, 40 to 80 slides as requested.
9. Gibbing, about 20 slides with three timely articles and diagram.
- 10A. Grafting: Cleft Grafting and Cutting Grafts, 23 slides and two articles and diagrams.
- 10B. Grafting: Cleft Grafting and Grafting the Big Ones, 40 slides and two articles and diagrams.
11. "The Judges Have Spoken," about 60 slides of varieties which have won recent years' shows.
12. Newest Varieties, about 60 slides. This set is constantly being updated as new slides are received.
13. Camellia Families, about 70 slides showing offspring of well-known camellias.
14. Camellia Personalities, about 40 slides showing well-known camellia growers, past and present.
15. Camellias in the Antipodes, about 50 slides of Australia and New Zealand flowers, plants and people.
16. American Camellia Society Hall of Fame, slides showing the camellias named in the ACS newest award.
17. Camellias in Other Media (prints, paintings, stamps, wood, etc.), 60 slides with text.
18. The Stamp Day Ceremony in Fort Valley depicting scenes of the "happenings" at the High School and at Massee Lane. About 60 slides with text.
19. Winners and other entrants in the ACS Photograph Contest in 1981. About 40 slides.
20. The Yellow Camellia, slides showing *Camellia chrysantha* in various stages of development. About 60 slides.

Rose Garden Dedicated at Camellia Gardens

MILTON H. BROWN

The Scheibert Rose Garden was dedicated at historic Massee Lane, headquarters of the American Camellia Society near Marshallville, on Saturday, June 15. This first phase of a comprehensive 40th Anniversary Fund Raising Campaign was well attended by people from South Carolina, Tennessee, and Georgia and also a representative of Congressman Ray's office. The Congressman could not attend because of a prior commitment.

The garden, which features several sections of 10 roses each of 10 varieties with a lovely gazebo in the middle, is planted with roses all obtained from the Thomasville Nursery in Thomasville, Georgia including an additional 20 plants of the very beautiful Georgia originated 'Peach Beauty' donated by the nursery.

The Executive Director of The American Camellia Society, Milton H. Brown, welcomed the visitors, reminding them that it was an historic site as it is listed in the National Registry of Historic Places. He invited them to stay after the dedica-

tion to visit the outstanding collection of Boehm porcelains and the Headquarters Building, where refreshments were being served, and also the beautiful greenhouse garden.

The Chairman of the Society's Endowment Fund, attorney G. Stuart Watson of Albany, Georgia gave a brief talk on the genesis of the garden and the projects listed in the 2 million dollar 40th Anniversary Fund Raising Campaign. He was followed by Dr. C. David Scheibert of Nashville, Tennessee who donated this garden and dedicated it to his wife, Jean, and his mother, Luella. The garden was accepted by Mrs. Betty Hotchkiss, the Horticulturist of The American Camellia Society. This was followed by a moving prayer of dedication by Ann Blair Brown who noted that God first revealed himself in a garden, the Garden of Eden. Dr. Scheibert, assisted by two beautiful southern belles, Wendy Bryan and Natalie Jones of Fort Valley, then cut the ribbon at the brick pillars at the entrance of the garden. The lovely rose garden was

FORTIFY YOUR CAMELLIAS, FUCHSIA, ROSES, RHODODENDRONS, PLANTS!

2-20-10-(10S,8CA,6MG)

Multimineral Green Cross Wintercare is low N, high P, K, S, CA, MG. Hardens stems, strengthens roots, promotes blooms without lush growth. No fillers! Fortifies and protects plants synergistically.

1.5 lbs. — \$7.95; 5.0 lbs. — \$14.95; 25 lbs. — \$32.99, Postpaid in USA. Canada add 25%.
Send check with order to:

GREEN CROSS WINTERCARE INC.
BOX 195

OYSTER BAY, N.Y. 11771
516-922-9176

Dealer Inquiries Invited

thus dedicated and a beautiful asset was added to the camellia gardens between Marshallville and Fort Valley, Georgia. Great comraderie was had by all while refreshments were served at the reception inside the Williamsburg-styled headquarters building. Each guest received a beautiful camellia glass as a memento of this occasion.

Muriel Nathan had a small committee of ladies in Fort Valley who made some of the goodies for the reception. In Marshallville Gladys Walker also had a small committee who made other delicious "finger food" to accompany the sparkling punch made by the "girls" of Massee Lane.



June 15th dawned on the celebration of the dedication of Scheibert Rose Garden at Historic Massee Lane. This most attractive addition is a gift of Dr. C. David Scheibert of Nashville, TN. He dedicated it to his wife Jean and his mother Luella. Here we see Board of Trustees Chairman G. Stuart Watson, Dr. Scheibert and ACS Executive Director Milton H. Brown flanked by the beautiful Southern Belles Natalie Jones and Wendy Bryan. The girls are from Fort Valley; they are not only beautiful but are straight A students.



We have a truck at last. Mr. and Mrs. William F. Mann of Shreveport, LA generously donated this new 1985 pickup truck with removable "camper shell" to the ACS. This has long been a need and even more so now that we have to take some trips to obtain replacements for many of the plants that did not make it after the January freeze. It is a Chevrolet truck that handles well — and, yes, it is air-conditioned.

"Of Cement and Bricks"

Boyd C. McRee
Chairman Ways & Means Committee

Massee Lane was established by a few generous and inspired donors. It is running virtually at a deficit to maintain status quo with no expansion. We ACS members can change that with very little cost of time or money. We can cause our Massee Lane to make Bellingrath pale into insignificance.

Several years ago Massee Lane entered into an arrangement to buy products related to the camellia at wholesale and sell at retail with the profit going to upkeep and expansion. They now have over 200 items of carefully selected products with an inventory of nearly \$100,000. The items are useful, beautiful (some downright exquisite) and not over priced.

There has been a problem. Visitors to Massee Lane bought many items but we ACS members can expand the prospective customers multi-times in our societies and neighborhood. Advertising in the journal has brought limited response

because of the trouble of writing and waiting without seeing.

Last year we made a giant step. Massee Lane agreed to consign samples to local camellia societies from which sales can be expanded throughout the States. Several have responded with some success. However, we need to be good salesmen. Here comes the "cement and bricks." A brick mason should see the cathedral he is building. Our salesmen should be able to visualize new buildings, new greenhouses, more help, more gardens, etc. When I sell a Camellia Dictionary, I see 5 sacks of cement and 50 bricks, but beyond that I see something lasting and beautiful.

How do we sell? As Elizabeth Brownning said, "Let me count the ways."

1. Order these items as show prizes and a door prize for each of your meetings. If you order now, Milton Brown has agreed to bring them to our next Gulf Coast meeting in Mobile (no postage) or any show or meeting the Browns attend.
(a) This step alone will build one corner of a greenhouse.



2. Don't send flowers — send a beautiful ACS item that lasts.
3. Remember gifts for — weddings, birthdays, anniversaries, graduation.
3. Use your cocktail and dinner napkins. We now have packages of 'Clark Hubbs Var.' stationery with thank you and condolence cards.
5. Have a manned display table at every meeting to take orders.

Together we can do great things. Order your bricks and cement today from the ACS and we will build a great cathedral.

WELCOME TO

Nuccio's Nurseries, Inc.

WORLD FAMOUS GROWERS OF RARE CAMELLIAS AND AZALEAS SINCE 1935

Available Now — In Limited Quantity
Camellia chrysantha 12"-18" \$25.00 each

Also new for this year —

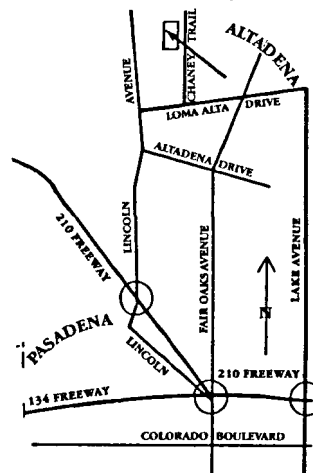
'Cherries Jubilee'	'Winner's Circle'
'Donnan's Dream'	'Mrs. Tsutako Nakasone'
'Happy Holidays'	'Red Crystal'
'Sweet Dreams'	'Bill Johnston'

Write for our free new catalog which has the *Camellia japonicas*, *C. sasanquas*, *C. reticulatas*, *C. rusticanas*, *Higos*, *Species* and *Hybrids*. Also hundreds of Azaleas and the new 'Four Seasons' Gardenia.

Nuccio's
nurseries

3555 CHANEY TRAIL • ALTADENA, CALIFORNIA 91001
MAILING ADDRESS: POST OFFICE BOX 6160
ALTADENA, CALIFORNIA 91001
(818) 794-3383

Many of our customers come to us through the United States mail, but we enjoy having visitors stop in to see us, and we cordially invite you to do so whenever you can. We are open daily except Wednesdays and Thursdays, and business hours are from 8:00 to 4:30. During the period from June 1 through December we are closed on Sunday.



Culture of *Camellia Chrysantha*

BETTY HOTCHKISS

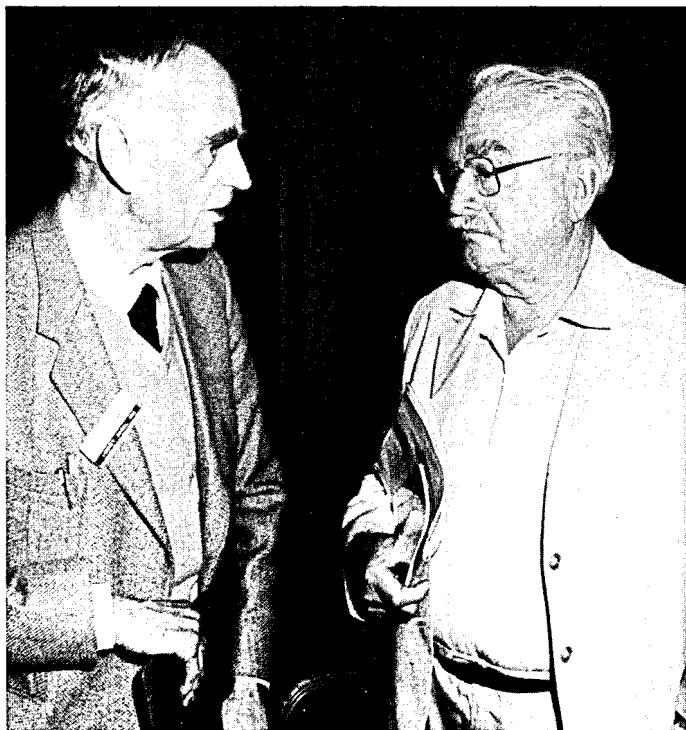
The camellia plant has a long history of cultivation reaching back over thousands of years. Camellia species were early grown for both tea and oil production. The use of the camellia as an ornamental plant has a more recent history, however. In China and Japan, where camellias are native, three camellia species have been grown for their ornamental beauty. They are *Camellia japonica*, (including the popular subspecies *Camellia higo* in Japan) *Camellia reticulata*, and *Camellia sasanqua*. These three species have remained the most popular for ornamental use as the camellia has spread throughout the world in the last 200 years. Over 3,000 varieties of *C. japonica*, the most widely grown species in the United States and Europe, have been developed. All of the varieties presently cultivated have been developed in shades of pink, red, or white, or combinations of these. Camellia hybridizers from all over the world have long desired to cultivate camellias with flowers of yellow, peach, orange, or various shades in between. Since the introduction of *Camellia chry-*

santha, the yellow camellia, in 1979 (to Japan) and 1980 (to the U.S.A. and Australia) this dream has come closer to reality. Breeding of *C. chrysantha* with varieties presently cultivated has the potential of introducing new color combinations while retaining many of the desirable traits of the varieties currently grown.

The American Camellia Society is promoting cooperation of all camellia hybridizers involved in this endeavor. Letters have been sent from the ACS Horticulturist to all camellia hybridizers known to have plants of *C. chrysantha* in an effort to establish an "information bank." Information has been received from cooperators in the United States, Australia, England, Italy, South Africa, and Japan. Anyone who has plants of *C. chrysantha* and is interested in sharing information regarding culture and hybridization efforts is invited to join this group of cooperators by writing to Mrs. Hotchkiss at the ACS address. In this article I will attempt to consolidate the information regarding the cultural re-

quirements of *C. chrysantha* that has been contributed by various cooperators.

To better understand the cultural requirements of *Camellia chrysantha* it is useful to examine its native habitat. The original native habitat of *C. chrysantha* is the low regions west of Nanning near the border of China and North Vietnam. According to the investigations of the Chinese (Xia Li-Fang and Chang Ao-Lo, 1982), the distribution of the plant is rather limited, growing from 21° 30' - 22° 55' N and from 107° 30' - 108° 30' E. It occurs in the region of Shiwandashan, Guangxi. This region, which lies just below the Tropic of Cancer, has minimum winter temperatures of 56°F (13°C) and summer temperatures of 84°F (29°C) with an annual rainfall of 72 - 88 inches. Frosts are seldom, occurring only 1-2 days each year. Rainfall is concentrated between June and September. *C. chrysantha* grows at an elevation of 70 - 350 meters (231-1155 feet) beside rivers and streams. The rock of the region are usually limestone, sandstone, or shale. The soil is lateritic or alluvial and is rich in organic matter, porous, and well drained. The pH of the soil is 4.5-5.5. *C. chrysantha* normally occurs in south subtropical broadleaf and needle-mixed forests and tropical monsoon forests.



ICS Vice President John Tooby outlines the day's "routine" to Jean Laborey the head of the French Delegation at Brighton. (Photo by Greg Davis)



The Pleasure of Flowers...

- QUALITY TOOLS
 - BEAUTIFUL CONTAINERS
 - ACCESSORIES FOR YOUR GARDEN AND TABLE
 - UNIQUE GIFTS
 - AND, OUR
- NEW CATALOG**
brought to you by the
distributors of the
ORIGINAL STEM STRIPPER...

The Keth Company
Box 645, Dept. PH-3
Corona del Mar, California 92625

PLEASE SEND \$1.00
REFUNDABLE ON YOUR FIRST ORDER



Margaret Scott who gave an outstanding talk on propagation of camellias in England is seen here with Bill Redd of Birmingham, Alabama. Miss Scott's talk will be in the 1985 edition of *The American Camellia Yearbook*. (Photo by Greg Davis)

Plants of *C. chrysantha* do not appear to tolerate too much sun and prefer 50% or more shade. In direct sunlight leaves can become burned, they appear faded and brown around the edges, and may even drop off. Some type of protection from the sun, such as a lath house or shade cloth, is necessary for good growth of this plant. *C. chrysantha* plants grown in full sunlight in Southern California did not flourish, but did not die either. (Roots were kept moist at all times.)

Because *C. chrysantha* is native to a semi-tropical climate, it does not appear to tolerate much cold weather. In most areas of the United States, plants of this species have been kept in greenhouses during the winter. If exposed to low temperatures, the leaves become darkened around the margin and may drop off. This species does appear to withstand the mild climate of Southern California.

Fertilization and watering practices for *C. chrysantha* appear to be similar to those for other camellias. No unusual practices appear to have been followed in

this area. One cooperator mentioned that high levels of zinc in the soil appear to be toxic to the plants. Many growers suggested spraying the leaves with water to increase humidity, especially in the summertime. One cooperator who had flower buds to form felt this was due to the fact that he decreased his watering and held back on fertilizing during the spring months.

Propagation of this species has been a priority for many who have plants of *C. chrysantha*. It appears to be relatively easy to propagate. Cuttings of the yellow camellia have been rooted with a high percentage of success. Plants on their own roots have survived. Much grafting has been attempted to produce larger plants faster. Successful grafts have been made onto *C. sasanqua*, *C. japonica*, *C. reticulata*, and *C. reticulata/japonica* hybrids. One cooperator felt that his graft on the *C. reticulata/japonica* understock grew faster than the graft on the *C. japonica*. However, this had not been confirmed by others who have used all three.

Hybridization using pollen of *C. chrysantha* has successfully yielded hybrid seedlings in China, Japan, and the U.S.A. A later article on these results will be published in the 1985 *American Camellia Yearbook*.

Information gathered concerning the culture of *Camellia chrysantha* is still fragmentary and much needs to be done in this field. The prospects for the future are bright, however. As more plants of *C. chrysantha* are distributed throughout the world the greater the opportunity for learning about its cultural requirements and for hybridization with various ca-



GREAT AMERICAN AZALEAS

By Jim Darden

**A CONSUMER GUIDE TO AMERICA'S
FINEST AZALEA VARIETIES!!
OVER 140 VARIETIES IN FULL
CLOSE-UP COLOR PHOTOGRAPHS.
INFORMATION ON HUNDREDS MORE
ALL MAJOR HYBRID GROUPS
INCLUDED. SEND \$9.95 PLUS \$1.50
FOR PACKAGING AND MAILING TO:**

**The Greenhouse Press
1239C Sunset Avenue
Clinton, N.C. 28328**

N.C. Residents Add 45% Sales Tax. Garden
Club, Group and Wholesale Prices Available.

mellia species and varieties. Through hybridization, new colors should be developed that until now have never been seen in camellias. A new era in camellia culture appears to be around the corner.

REFERENCES

1. Chang Ao-Lo and Xia Li-Fang. 1981. The Research History and Present Status of *Camellia chrysantha* (Hu) Tuyama in the Kunming Botanical Garden. *The Camellia Journal* 36(1):1-4.
2. W. L. Ackerman. 1981. Growing the Yellow Camellia (*C. chrysantha*). *The Camellia Journal* 36(1):4-6.
3. Xia Li-Fang and Chang Ao-Lo. 1982. A Study on the Introduction of *Camellia chrysantha* in Kunming from Guangxi Province. *The Camellia Journal* 37(1):12-15.
4. Several unpublished letters from various cooperators.

BEA ROGERS

RT. 3, BOX 546, THEODORE, ALABAMA 36582

Belle Fontaine Nursery

PHONE (205) 973-2000

NEW SCIONS \$5.00

'Betty's Beauty'
'Bob Sansing'
'Elise Winter'
'Francie L Surprise'
'Jean Pursel Blush'

'Lucille Harkey'
'Moonlight Bay'
'Mrs. Woodrow Hathorn'
'Nancy Reagan'
'Pikes Peak'

'Que Sera Sera'
'R. L. Brent'
'Ray Watson'
'S. P. Dunn'
'Tomorrow's Dawn's Bessie'

LERIO CANS

SCIONS

GRAFTS

STA-GREEN FERTILIZER

Show Reports

(Reports of ACS Cooperative Shows. In each report, the word *C. reticulata* includes those hybrids with *C. reticulata* parentage. Also in each case, the *C. hybrid* means all those hybrids with other than reticulata parentage. *C. sasanqua* includes related species.)

CALIFORNIA

ATWATER, March 30-31, 1985 (8th Annual)

Sponsor: Atwater Garden Club

Number Blooms Displayed: 3,337. Attendance: 760.

ACS Outstanding Bloom Certificates:

C. japonica:

Best Bloom: 'Eleanor Martin Supreme,' James Randall

Runner-up: 'Grand Slam Var.,' Mrs. Wm. Bruener

C. reticulata:

Best Bloom: 'Lasca Beauty,' James Randall

Runner-up: 'Dr. Louis Pollizzi,' Jack Woo

C. hybrid:

Best Bloom: 'Elsie Jury,' Mrs. Wm. Bruener

Runner-up: 'South Seas,' Jack Woo

ACS Gold Certificate:

Mr. & Mrs. Jack Woo

ACS Silver Certificate:

Don Bergamini

Best Miniature: 'Man Size,' Mr. & Mrs. Anthony Pinheiro

Best White: 'Swan Lake,' Mr. & Mrs. Jack Woo

Number of ACS Memberships Sold: None.

FRESNO, March 9-10, 1985 (37th Annual)

Sponsor: Central California Camellia Society

Number Blooms Displayed: 1,600. Attendance: 4,000.

Most Outstanding Bloom: 'Juanita Smith,' Al & Lois Taylor

ACS Outstanding Bloom Certificates:

C. japonica:

Large-Very Large: 'Miss Charleston Var.,' Jack & Anne Woo

Runner-up: 'Elegans Splendor,' Jack & Anne Woo

Medium: 'Juanita Smith,' Al & Lois Taylor

Runner-up: 'Magnoliaeflora,' Jack & Anne Woo

Small: 'Splash O' White,' Sergio & Elsie Bracci

Runner-up: 'Kuro-Tsubaki,' Al & Lois Taylor

Miniature: 'Tootsie,' Wilbur & Mary Anne Ray

Runner-up: 'Little Michael,' Dr. & Mrs. H. C. Schumacher

C. reticulata:

Best Bloom: 'Valley Knudsen,' Wilbur & Mary Anne Ray

Runner-up: 'Emma Gaeta Var.,' Dr. & Mrs. H. C. Schumacher

C. hybrid:

Best Bloom: 'Pink Dahlia,' Jack & Anne Woo

Runner-up: 'Angel Wings,' Dr. & Mrs. H. C. Schumacher

Best White: 'Chow's Han-Ling,' Jack & Anne Woo

Best Yellow: 'Gweneth Morey,' Robert Ehrhart

Best Fragrant: Seedling, Wilbur & Mary Anne Ray

Youth Division: Best *Japonica*: 'In The Pink,' Dimitri Gonos

Best Other: 'Coral Delight Var.,' Dimitri Gonos

Best Miniature: 'Fircone Var.,' Dimitri Gonos

Number of ACS Memberships Sold: None.

MODESTO, March 16-17, 1985

Sponsor: Modesto Camellia Society

Most Outstanding Bloom: 'Emmett Pfingstl,' Mr. & Mrs. Jack Woo

ACS Outstanding Bloom Certificates:

C. japonica:

Large-Very Large: 'Elegans Champagne,' William Stewart

Runner-up: 'Carter's Sunburst,' Art Gonos Family

Medium: 'Emmett Pfingstl,' Mr. & Mrs. Jack Woo

Runner-up: 'Donnan's Dream,' Art Gonos Family

Small: 'Little Babe Var.,' Mr. & Mrs. E. F. Achterberg

Runner-up: 'Little Man,' Mr. & Mrs. Don Bergamini

C. reticulata:

Best Bloom: 'Curtain Call,' Mr. & Mrs. E. F. Achterberg

Runner-up: 'Lasca Beauty,' Mr. & Mrs. E. F. Achterberg

C. hybrid:

Best Bloom: 'Mona Jury,' Mr. & Mrs. E. F. Achterberg

Runner-up: 'Charlean,' Mr. & Mrs. Jack Woo

ACS Gold Certificate:

Robert E. Ehrhart

ACS Silver Certificate:

Mr. & Mrs. Don Bergamini

Best Miniature: 'Spring Festival,' Mr. & Mrs. Jack Woo

Best Yellow: *C. chrysantha*, W. F. Harrison

Best White: 'Lucy Stewart,' Mr. & Mrs. E. F. Achterberg

Youth Division: Best *Japonica*: 'Flowerwood,' Tracie Schanz

Best *Reticulata*: 'Miss Tulare,' Justin Bergamini

Best Hybrid: 'Sylvia May Wells,' Joellen Bergamini

Best Miniature: 'Kitty,' Justin Bergamini

Number of ACS Memberships Sold: None.

MORAGA, February 23-24, 1985 (21st Annual)

Sponsor: Delta Camellia Society

Number Blooms Displayed: 2,000. Attendance: 400.

Most Outstanding Bloom: 'Moonlight Bay,' Mr. & Mrs. Wilbur Ray

ACS Outstanding Bloom Certificates:

C. japonica:

Very Large: 'Moonlight Bay,' Mr. & Mrs. Wilbur Ray

Runner-up: 'Show Time,' Mr. & Mrs. Larry Pitts

Large: 'In The Pink,' Mr. & Mrs. Don Lesmeister

Runner-up: 'Nuccio's Jewel,' Mr. & Mrs. E. F. Achterberg

Medium: 'Alta Gavin,' Mr. & Mrs. Wilbur Ray

Runner-up: 'Jessie Conner,' Mr. & Mrs. Don Bergamini

Small: 'Snowie,' Mr. & Mrs. E. F. Achterberg

Runner-up: 'Tom Thumb,' Mr. & Mrs. Anthony Pinheiro

C. reticulata:

Over 5 1/4": 'Valley Knudsen,' Mr. & Mrs. Larry Pitts

Runner-up: 'Arcadia,' Jack L. Mandarich

Under 5 1/4": 'Black Lace,' Mr. & Mrs. Wilbur Ray

Runner-up: 'Betty Ridley,' Mr. & Mrs. Jack Woo

C. hybrid:

Best Bloom: 'Ballet Queen Var.,' Steve Campbell

Runner-up: 'Lavender Prince,' Steve Campbell

ACS Gold Certificate:

Mr. & Mrs. Jack Woo

ACS Silver Certificate:

Mr. & Mrs. Wilbur Ray

Best White: 'Snowman,' The Art Gonos Family

Best Miniature: 'Little Slam,' The Art Gonos Family

Youth Division: *Japonica* Over 4 1/4": 'Snowman,' Demitri Gonos

Runner-up: 'Marie Bracey,' Audrey Schumer

Under 4 1/4": 'Hopkins Pink,' Jason Yonan

Runner-up: 'Bon Bon,' Joellen Bergamini

Reticulata Best Bloom: 'Miss Tulare,' Demitri Gonos

Runner-up: 'Fluted Orchid,' Jason Yonan

Hybrid Best Bloom: 'E. G. Waterhouse,' Justin Bergamini

Runner-up: 'Elsie Jury,' Jason Yonan

Number of ACS Memberships Sold: None.

SACRAMENTO, March 9-10, 1985 (61st Annual)

Sponsor: Camellia Society of Sacramento & Capital Federal S&L

Number Blooms Displayed: 6,798. Attendance: 10,000.

Most Outstanding Bloom: 'Tomorrow Park Hill,' William D. Stewart

ACS Outstanding Bloom Certificates:

C. japonica:

Very Large: 'Tomorrow Park Hill,' William D. Stewart

Runner-up: 'Swan Lake,' Mr. & Mrs. Elmer Achterberg

Large: 'Show Time,' Mr. & Mrs. Jim Grant

Runner-up: 'Nuccio's Gem,' Mr. & Mrs. Donald Lesmeister

Medium: 'In The Pink Var.,' Mr. & Mrs. James Randall

Runner-up: 'Sawada's Dream,' Raymond E. Hertel

Small: 'Lemon Drop,' Mr. & Mrs. H. C. Rambath

Runner-up: 'Frances Council,' Mr. & Mrs. Anthony Pinheiro

Miniature: 'Lady Hume's Blush,' George M. Cunningham, Jr.

Runner-up: 'Pink Doll,' Mr. & Mrs. H. C. Rambath

C. reticulata:

Very Large: 'Pharaoh,' Judith Morrison

Runner-up: 'Hulyn Smith,' Mrs. Edith Mazzei

Medium-Large: 'Valley Knudsen,' Mr. & Mrs. Elmer Achterberg

Runner-up: 'William Hertrich,' H. W. Oliver

C. hybrid:

Best Bloom: 'Wynne Rayner,' Mr. & Mrs. Don Bergamini

Runner-up: 'October Affair,' Steve Campbell (sic. 'October Affair' is actually a *C. japonica*)

ACS Gold Certificate:

Mr. & Mrs. Don Bergamini

ACS Silver Certificate:

H. W. Oliver

ACS Outstanding Arrangement Certificate:

Creativity: Vi Roush

Best Seedling: Non-reticulata Hybrid, Mr. & Mrs. Donald Lesmeister

Best Fragrant: 'Salab,' The Vervales

Best Yellow or Cream: 'Botan Yuki,' Mr. & Mrs. James M. Randall

Best White: 'Swan Lake,' Mr. & Mrs. Elmer Achterberg

Youth Class: *Japonica* Large: 'Elegans Champagne,' Terry Schanz

Runner-up: 'Fragrant Star,' Joellen Bergamini

Medium: 'Candy Cane,' Justin Bergamini

Runner-up: 'Spring Sonnet,' Lisa Pomer

Miniature: 'Baby Face,' Joellen Bergamini

Runner-up: 'Pink Perfection,' Anne M. Martin

Hybrid: 'Wynne Rayner,' Joellen Bergamini

Runner-up: 'Miss Tulare,' Tracie Schanz

Number of ACS Memberships Sold: Three.

SANTA ROSA, March 23-24, 1985 (20th Annual)

Sponsor: Sonoma County Camellia Society

Number Blooms Displayed: 2,524. Attendance: 1,037.

Most Outstanding Bloom: 'Feathery Touch,' Mr. & Mrs. James Randall

Number of ACS Memberships Sold: None.

NORTH CAROLINA

GREENSBORO, March 9-10, 1985 (27th Annual)

Sponsor: Men's Piedmont Camellia Club

Number Blooms Displayed: 974. Attendance: 4,000.

ACS Outstanding Bloom Certificates:

C. japonica: (In Open)

Best Bloom: 'Miss Aiken,' Dot & John Thomas

Runner-up: 'Diddy Mealing,' Dot & John Thomas

C. japonica: (Under Glass)

Over 5": 'Elegans Champagne,' Joe Austin

Runner-up: 'Elegans Splendor,' Joe Austin

Under 5": 'Guest Star,' Joe Austin

Runner-up: 'Nuccio's Jewel,' Joe Austin

ACS Gold Certificates:

In Open: Dot & John Thomas

Under Glass: Mr. & Mrs. Ray D. Watson

ACS Silver Certificate:

Under Glass: Mr. & Mrs. J. W. Holderby

Best Miniature: 'Tammia,' Mr. & Mrs. J. K. Blanchard

Best White: 'Silver Waves,' Ralph McVey

Best Novice Bloom: 'Nuccio's Ruby,' Samuel S. Dils

Number of ACS Memberships Sold: None.

OREGON

PORTLAND, March 23-24, 1985 (44th Annual)

Sponsor: Oregon Camellia Society

Number of Blooms Displayed: 510. Attendance: 5,000+.

Most Outstanding Bloom: 'Fimbriata,' Larry Landauer

ACS Outstanding Bloom Certificates:

C. japonica:

In Open: 'Professor Charles S. Sargent,' Jim Moon.

Under Glass: 'Fimbriata,' Larry Landauer

C. reticulata:

Best Bloom: 'Dr. Clifford Parks,' William Ingram

C. hybrid:

Best Bloom: 'E. G. Waterhouse,' Oscar Tinkle

ACS Gold Certificates:

In Open: Oscar Tinkle

Under Glass: Larry Landauer

ACS Silver Certificates:

In Open: Jim Moon

Under Glass: Oscar Tinkle

ACS Outstanding Arrangement Certificates:

Tri-Color: Connie Foxworthy

Creativity: Connie Foxworthy

Number of ACS Memberships Sold: None.



WELCOME TO BOB WINES NURSERY

Stroll through our 30-year-old camellia gardens . . . see one of the south's largest gardens offering over 700 varieties of old and many of the new camellias on 3 1/2 acres, all shaded by planted pine trees. Visit our greenhouse, where in our special soil, the container-grown camellias range from one to 30 gallons. Our gardens are open from November to April, Monday thru Saturday.

SCIONS • ROOTED CUTTINGS

BOB WINES NURSERY

"Camellia Gardens"

2610 S.E. 38th Street

OCALA, FLORIDA 32671

(904) 629-5766

Memorial Donations

(The name in boldface type indicates the person in whose memory the donation has been made as of June 21, 1985.)

Mr. Charlie Baggarly, Roberta, CA

Dr. & Mrs. Earl Beatty, Jr.

Mr. W. M. "Buddy" Bills, Spring, TX (Died February 7, 1985)

Mr. & Mrs. Dudley P. Boudreaux

Mr. Vincent J. Ciolino

Mr. Ellis Bostick, Nashville, TN (Died June 1985)
(Father of Mrs. Harry T. Moore, Jr., Nashville, TN)

Mr. & Mrs. A. B. Cooper

Dr. & Mrs. Daniel E. Nathan

Mr. & Mrs. Milton H. Brown

Mr. & Mrs. George N. Griffin

Louise Corley Broxton, Augusta, GA

Mr. & Mrs. Wyman J. Priester, Jr.

Ethyl Morris Corley, Blythe, GA

Mr. & Mrs. Wyman J. Priester, Jr.

Mrs. H. Vannoy Davis, Walnut Creek, CA

Dr. & Mrs. Fred E. Heitman

Mrs. Frank L. Denton, Macon, GA

Mr. & Mrs. Wyman J. Priester, Jr.

Dr. James D. Dickson, Yonges Island, SC

Atlantic Coast Camellia Society

Mrs. Wesley Green, Perry, GA

Mr. Floyd E. Carithers

Mrs. R. T. Hancock, Fort Valley, GA

Dr. & Mrs. Earl Beatty, Jr.

Mr. Bruce Howell Hinson, Wilmington, NC (Died June 5, 1985)

Tidewater Camellia Club

Mrs. Alan J. Hofheimer, Norfolk, VA (Died May 1985)

Virginia Camellia Society

Mr. & Mrs. Milton H. Brown

Mrs. William P. Kemp, Goldsboro, NC (Died May 20, 1984)

Atlantic Coast Camellia Society

Miss Virginia Leeton

Dr. & Mrs. D. Lyle Robertson

Mr. Hopkins K. Manley, Warner Robins, GA

Mr. & Mrs. Wyman J. Priester, Jr.

Mr. Terrell B. Martin, Brookhaven, MS

Mr. & Mrs. Ray Gentry

Dr. W. W. Mockett, Mount Dora, FL (Died April 1985)

Mrs. Margaret Elmore

Mrs. Maudi R. Gross

Mr. & Mrs. T. H. Schaffer

Mr. & Mrs. Milton H. Brown

Cecille D. Burnham

Iris W. Williams

Cecile N. Dolce

Mrs. W. G. Gormon

Mr. K. Barry Ward

Mr. & Mrs. E. W. Boudway

Mrs. Kay Ward

Mr. Leroy Moncrief, Sacramento, CA

Mr. & Mrs. William D. Stewart

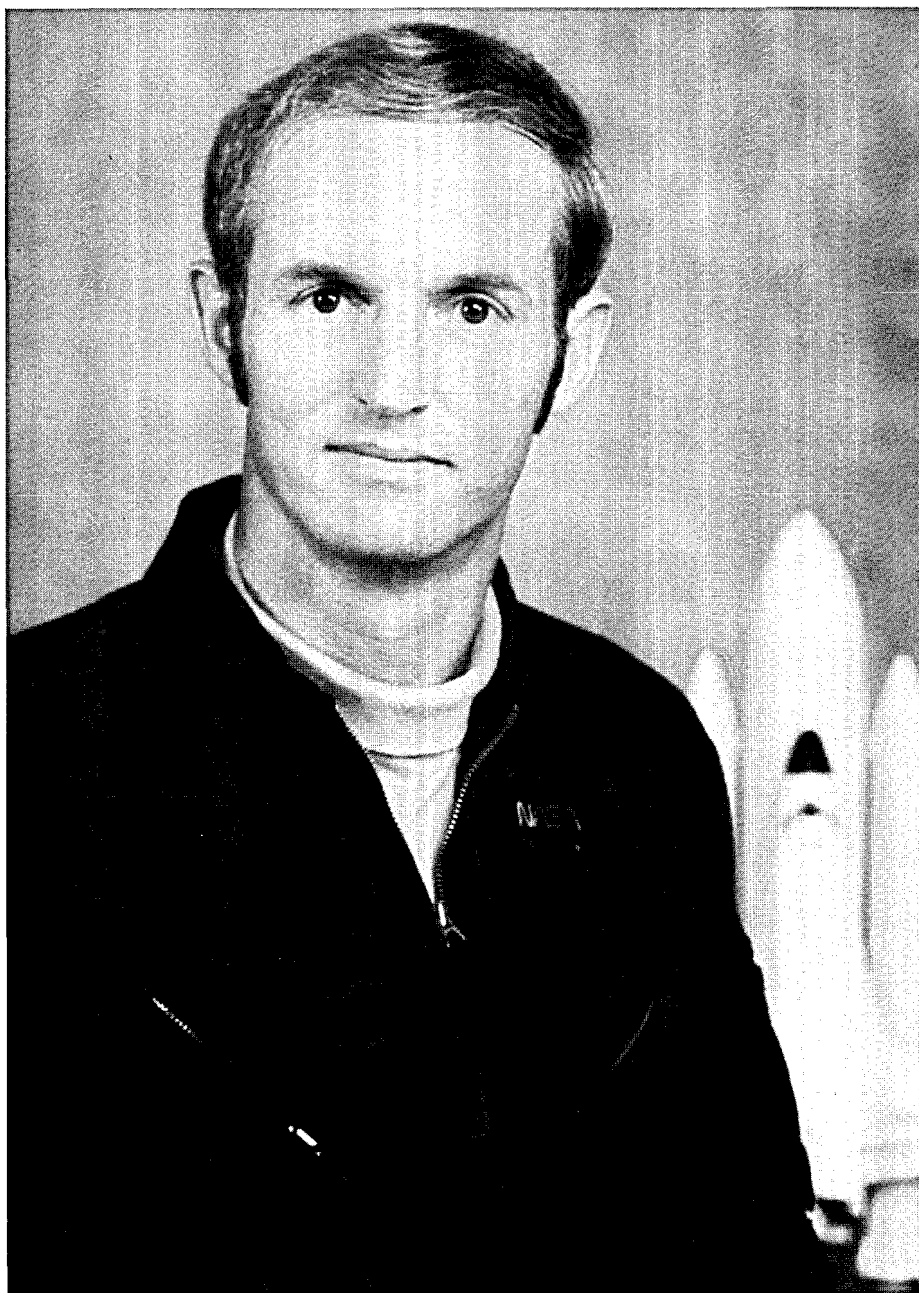
Mr. & Mrs. Haig S. Ashuckian

Dr. & Mrs. Fred E. Heitman

Mr. Royal J. Murphy, St. Cloud, FL (Died February 17, 1985)

Mr. & Mrs. Milton H. Brown

Blair Brown



Astronaut To Address Houston Meeting

Astronaut Donald E. Williams, Captain, U. S. Navy, NASA Astronaut, will be the main speaker when the ACS convention meets in Houston in November.

Captain Williams lists among his recreational interests sports, running, woodworking and photography. Perhaps some of his duties brushed him against camellias as he had tours of duty in Pensacola, Florida; Meridian, Mississippi and Kingsville, Texas.

This Naval aviator had a total of 4 Vietnam deployments aboard the aircraft carrier USS ENTERPRISE. He made a total of 330 combat missions in the Vietnam war. Since then, he has had important assignments at various U. S. Navy installations. He has logged more than 4,700 hours of flying time, which includes 4,500 in jet aircraft and 745 carrier landings.

(Continued on page 28)

He was selected as an astronaut candidate by NASA in January 1978. After a 1-year training and evaluation period, he became eligible for assignment as a pilot on future Space Shuttle flight crews. His various assignments include Deputy Manager, Operations Integration, National Space Transportation System Program Office at the Johnson Space Center.

He was the pilot for the fourth flight of Discovery and the sixteenth Shuttle mission. It was launched from Kennedy Space Center, Florida on April 12, 1985. During its time aloft this crew conducted successful activities. After 168 hours of orbital operations, and 109 orbits of the earth, Discovery landed at Kennedy Space Center on April 19, 1985.

Captain Williams is currently serving in an operational support position pending assignment of future flights.

The American Camellia Society is greatly honored to have Captain Donald E. Williams speak to us during our 40th Anniversary Banquet at Houston. We are also most appreciative of the Convention Committee in Houston for making this outstanding arrangement. (Photo by NASA, Lyndon B. Johnson Space Center, Houston, Texas.)

—ACS—

Mr. "Waddie" Murphree

Mr. & Mrs. Henry C. Lunsford, Sr.

Mr. Colquitt H. Odom, Albany, GA

Men's Garden Club of Albany

Mr. Harold L. Paige, Lafayette, CA (Died December 7, 1983)

Dr. & Mrs. Fred E. Heitman

Mr. W. Neal Rogers, Theodore, AL (Died November 15, 1984)

Mr. R. B. Gramling

Mr. & Mrs. Ivan J. Mitchell

Mrs. Robert A. Sansing, Jr., Pensacola, FL (Died June 15, 1985)

Mr. & Mrs. Milton H. Brown

Mr. & Mrs. George N. Griffin

Mr. & Mrs. G. F. Abendroth

Mr. & Mrs. Ray Gentry

Mr. Frank E. Bobe, Sr.

Mr. & Mrs. A. B. Cooper

Mrs. Clyde X. Copeland

Col. Ret. & Mrs. Edwin L. Atkins

Jean, John & Carol Comber

Miss Odell M. Sarphie, Hattiesburg, MS (Died March 28, 1985)

Hattiesburg Area Camellia Society

Miss Jessie H. Morrison

Mr. John N. Sewell, Jacksonville, FL (Died September 14, 1983)

Mrs. John N. Sewell

Mr. David Sherwin, Piedmont, CA

Northern California Camellia Society

Mrs. Allan E. Walker, Jr., Washington, DC (Died April 1985)

Mr. & Mrs. Milton H. Brown

Blair Brown

Mr. Albert D. Woodle, Savannah, GA (Died July 20, 1984)

Mrs. Loyce M. Woodle

Mr. Charles O. Zagst, Houston, TX (Died February 18, 1985)

Mr. & Mrs. Dudley P. Boudreaux

Mr. & Mrs. G. Stuart Watson

Mr. & Mrs. Ralph E. Bernhardt

Mr. Vincent J. Ciolino

Mr. & Mrs. Roy W. Tess

Atlantic Coast Camellia Society

Special Gifts

(As of June 15, 1985)

The Boehm porcelain sculpture "Trumpeter Swan" was contributed by Mrs. Clyde X. Copeland

Contributions wishing a speedy recovery to Mr. William F. Mann were made by: Mr. & Mrs. G. F. Abendroth, Mr. & Mrs. Michael W. Hotchkiss, Mr. & Mrs. Milton H. Brown, Dr. & Mrs. Daniel E. Nathan and Mrs. Clyde X. Copeland

Matching funds for a contribution by Mr. Tom Grootemat were made by the Maguire Oil Co. American Camellia Yearbooks were given to the Society by Mrs. William Grimes and Mr. R. B. Gramling

A contribution wishing a speedy recovery to Mr. & Mrs. Henry C. Lunsford was made by Mr. & Mrs. Ivan J. Mitchell

Contributions honoring Mr. & Mrs. Thomas C. Evans on their wedding anniversary were made by: Dr. & Mrs. Daniel E. Nathan and Mr. & Mrs. Milton H. Brown

A donation to the Society was made by Mr. G. Stuart Watson

Contributions in honor of the Lundy Packing Company on its 35th Anniversary and the dedication of the Burrows T. Lundy Memorial Facility were made by: Mr. & Mrs. A. B. Cooper, Dr. & Mrs. Daniel E. Nathan and Mr. & Mrs. Milton H. Brown

Honorarium for garden club program was given by Mr. Leslie P. Cawthon, Jr. and Mr. John T. Newsome

Contributions honoring the 90th birthday of Mr. S. L. Marbury were made by: Mr. & Mrs. Thomas C. Evans, Dr. & Mrs. Daniel E. Nathan and Mr. & Mrs. Milton H. Brown

A contribution wishing a speedy recovery to Mr. Albert L. Luce, Jr. was made by Dr. & Mrs. Daniel E. Nathan



The following people are working on disease problems of camellias at Clemson University. They are (left to right): Mrs. Susan Fagan, Research Technician for Dr. Luther W. Baxter, Jr.; Dr. William Ridings, Director Plant Problem Clinic and advisor to James Blake; James Blake, student pursuing his Ph.D. in Plant Pathology studying Phytophthora Root Rot of camellias. (James will be a member of the discussion panel at the ACS Fall Meeting in Houston.)

Arlington's Bon Air Park Site Chosen For Experimental Camellia Garden

(NEWS RELEASE FROM ARLINGTON COUNTY, VIRGINIA)

Arlington Park Division announced the significant honor of being chosen as a test location for a unique lifetime collection of leading camellia breeder and botanist, William Leonard Ackerman. Bon Air Park, already the site of the extensive rose and azalea gardens, has been designated as an East Coast experimental garden for the ninety hybrid shrubs which Ackerman has developed since he began experimenting with camellias in 1965.

William Ackerman, who received a Ph.D. in Botany from the University of Maryland after serving in World War II, worked for 32 years as a research horticulturist for the Department of Agriculture and at the U.S. National Arboretum. His work on trees and woody and ornamental herbaceous shrubs is respected worldwide and he's personally responsible for the development and release of 42 new cultivars including 17 camellia varieties. Dr. Ackerman, who recently was the guest of the Japanese at a major camellia exhibit, is a longtime

colleague of Jerry Hill, Arlington nursery owner.

While discussing Ackerman's retirement at a meeting of the Camellia Society of the Potomac Valley, Hill suggested an ideal site for these cherished plants, Bon Air Park in Arlington. This location is considered ideal because of the drainage, the soil and the balance between sun and shade. According to Hill it's the best protected natural environment that can be found in this area.

Arlington Park Division Chief, Fred Louis, and his landscaping staff formally received the plants at a Bon Air gathering in mid-April attended by Dr. Ackerman, Jerry Hill and a few members of the Camellia Society. The ninety plants, many descendants of the eastern coast of Korea, were planted on the hillside among the brilliant azalea garden on this sunny spring morning.

The camellia is a native of Eastern Asia. Most in this country originated in Japan. These ancient oriental evergreen



Arlington Park Division landscaping staffers prepare the soil of Bon Air Park, 850 N. Lexington St., to receive one of 90 hybrid camellias donated by expert horticulturist and prominent camellia researcher, Dr. William Ackerman. The camellias, many descendants from the eastern coast of Korea, were part of Ackerman's lifetime collection. Bon Air Park has been designated as an East Coast test site for these popular shrubs; planting will be among the 400 azaleas already flourishing at Bon Air. (Photo by Debra Ernst.)

shrubs were introduced here during colonial days and became prized on the great plantations of the South. Natural habitat for camellias is a hilly, thinly wooded area and they need a mild climate. Virginia and Pennsylvania are the northern most growing areas in the East, though development of hardier varieties is gradually extending the range. Popular in suburban gardens and in public parks because of their long and late blooming periods, evergreen glossy foliage and several distinct types of flowers, there are virtually thousands of varieties. Some flowers are reminiscent of roses, others seem like peonies. Some are stiffly formal, others asymmetrical in form. Colors range from white to cream, shades of pink, variegated to brilliant reds.

The Bon Air Park experiment promises to be exciting. The first year, of course, is the most difficult for new transplants, but if these plants succeed, Jerry Hill predicts, "If they prove themselves, this magnificent camellia garden will serve as parent stock for the future." Eventually, the Park Division could provide cuttings to cooperating nurseries and offspring of these could find their way into yards and other parks of the County. But for the present, Bon Air Park users will be able to take pleasure in the legacy of William Ackerman and his friends in Arlington.



Arlington Park Landscape Supervisor, Tony Ruth, far left, receives one of 90 camellias from Dr. William Ackerman, at a Bon Air Park ceremony in mid April in Arlington, VA. Members of the Camellia Society of the Potomac Valley in attendance from left next to Dr. Ackerman are: Elizabeth Sette, Bill Miller, Betsy Miller, Margaret White, and William Sette. (Photo by Debra Ernst.)

Rethinking Plant Nutritional Practices

Submitted by

Wintercare Horticultural Products Inc.,
Oyster Bay, NY

The fact that all plants need proper nutrition is indisputable. Certain minerals play an integral role in the metabolism of plants. The function of a plant cell relies on the proper proportion of minerals present. The synergy of the elements is what allows a plant to function properly. Synergism obviously cannot take place without all sixteen elements essential for plant growth present.

Of course certain elements are used in greater quantities by plants than others. In the past it has been generally accepted that Nitrogen, Phosphorous and Potassium are used in the greatest proportions by plants. These elements are known as NPK the three major elements. Unfortunately too much attention has been paid to these three elements and very little attention has been paid to other elements which we are finding out are becoming increasingly important. The reason for this is that the environment is changing.

The soil and plants are under ever increasing environmental stress. Multiple pollutants like acid forming sulfur dioxide, nitrous oxides, ozone and heavy metals — that acting alone or together place plants under severe stress. It is thus evident that in an ever changing environment, an adjustment of our plant nutrition practices is needed.

Plants absorb nutrients from the soil in the form of charged particles called ions. These ions are both positively and negatively charged. When they reach the soil solution they become bound to soil particles and held in suspension. Acid deposition adds hydrogen ions to the soil at an alarming rate which displaces these important nutrients from their sites on soil particles. Elements like Calcium, Magnesium and Potassium can effectively neutralize acidic ions in the soil. Generally soils with a pH of 5.0 or more are seldom in danger from acid ions due to the sufficient quantity of ions able to

neutralize the acidity. However, soils are continually under attack by extremely acidic precipitation. Elements like Calcium, Magnesium and Potassium are being leached at rapid rates while elements like Nitrogen are increasing in the soil solution due to the nitrogen oxide pollution within the atmosphere. Nitrogen is also a negatively charged ion unlike Ca, Mg and Potassium. Our precipitation is very high in nitrogen which falls to the soil and on plants with every rainfall. If nitrate laden precipitation happens to fall on plants during the late summer early fall when plants are approaching dormancy, dormancy may be delayed or broken and new growth may appear. This could be catastrophic to any plant. The growth will therefore be unable to harden off in time for a hard frost.

It therefore makes good common sense to rethink our nutritional practices regarding plants. Obviously a new program would involve choosing a plant food that is high in calcium, magnesium and potassium and low in nitrogen. An ideal percentage of Nitrogen, Phosphorous, Calcium, Magnesium and Sulfur would be: 2-20-10-8-6-10%.

The first release of **CAMELLIA**

this fantastic flower. **CHRYSANTHA**

**Extremely rare.
yellow-flowering camellia.**

Great possibility of producing hybrid varieties which bloom flowers never seen before.

Imported from its natural habitat in the Kwangsi district of Southern China.

INTRODUCTORY OFFER.

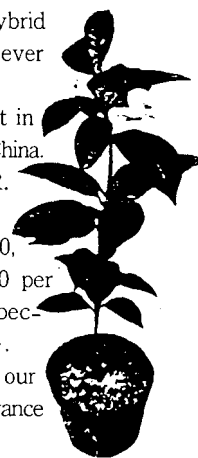
For orders up to 3 plants, graft (one year 40cm high) — U.S.\$65.00, cutting (15cm high) — U.S.\$20.00 per plant, including certificate of inspection and freight (air parcel post).

For larger orders, please ask for our written estimate. Payment in advance please.

Member of International Camellia Society
& American Camellia Society.

INAZAWA NURSERIES Co., LTD.

P.O. Box 7, Inazawa, Aichi-ken, Japan.



Concepts Of Camellia Culture*

J. CARROLL REINERS

'Queen Elizabeth' Tops with Mary Ann Bottoms

The strength and vigor of camellia roots determines the excellence of the top of the plant. Yet we consistently graft the wonderful new cultivars on to untried understocks, or anything available. We miss our goal of optimum plant and bloom quality when we utilize mediocre understock. The camellia understock should be specifically selected for geographic areas, graft compatibility, increased vigor, longevity, and freedom from root diseases, as in the rose and commercial fruit industries. We read that *C. sasanqua* may be best for some conditions, but that is too generalized, though there is a nursery in Australia which fosters *C. heimalis* 'Kanjiro' as very compatible, vigorous, and free of root-rot. Years ago I found that seedlings of 'Tiffany' and 'Ville de Nantes' were of outstanding vigor and these were used as *C. japonica* understock. But understock research and information is sadly lacking. We need 'Queen Elizabeth' bottoms.

Landscaping is a Relationship

The most beautiful landscape plantings which we see are always a relationship of textures, forms, colors, and heights within the plants and/or to architectural forms. Several decades ago I designed a mass planting of *C. japonica* 'Elegans' (pink) faced with a mass of 20" high *Bergenia cordifolia* because of its very large boldly contrasting glossy foliage and fine rose-pink flowers blooming concurrently with the camellias; it was stunning. Another time a single camellia 'Donation' (hybrid) of upright growth and with prolific explosive vibrating pink bloom, was contrasted with a turquoise architectural motif. Landscaping involves such research, thought, and planning and always we must think about relationships when we use camellias in the garden landscape.

* The Camellia Society of Sacramento. Jan. 23, Feb. 27, April 24, 1985.

Fragrance, Fever, and Zoo Doo

Fragrance Progressive camellia shows include a class and trophy for the most fragrant camellia bloom. Are we progressive in choosing the most capable judges with the most sensitive noses? Science '85 says that "Women have a more accurate sense of smell than men, non-smokers can smell better than smokers, and almost half of people over 80 can't smell at all. Researchers attribute most of the age-related change to degeneration of smell receptors and nerve pathways and to infection."

Fever A fever is not limited to warm-blooded life: The camellia leaf can be feverish just as a severe bruise becomes hot on an arm or leg. Prove it to yourself. On a hot day, feel the healthy leaves of your camellia then feel a leaf which is sick; the sick leaf will be hot and feverish. Why? The fever means that its cooling evaporative system, which we call transpiration, through the leaf stomata is not getting enough water because a layer of corky cells (absciss layer) is forming across the leaf petiole's attachment to the plant. Soon the leaf falls. Seldom do camellia leaves live for more than three years, although this varies greatly from cultivar to cultivar.

Zoo Doo For over two decades we have used treated sewage-sludge from Milwaukee, called Milorganite®, as a fertilizer. Now comes a treated animal-waste from the San Diego Zoo called Zoo Doo®. Surely many overeager camelliaphiles will imagine that the old feverish leaves are kept fresh longer, that the plants are more gamey, and that the fragrance is much more spicy! Often our own feverish imaginations get very creative.



Waxing Flowers*

MRS. EDALEE HARWELL
San Diego, CA

You Will Need:

Flowers with stems at least 1" long. Chill blooms for about 2 hours before waxing.

Candy or deep-fat thermometer
Double Boiler — Large size
Or WOK with thermostat control
Household paraffin wax (5 lbs.)
Mineral Oil (medium weight) 1½ pints
Large pan of ice water — strainer
Paper towels
Newspaper under everything

Directions:

Cut wax in small pieces.
Melt wax in double boiler. It melts at about 160° F.
After wax is melted, add mineral oil and stir well.
Remove pan from heat and allow to cool to 138° F.
Or melt wax in wok at high setting and reduce to 138° F.
With the flower face down, hold the stem in your fingers in a manner so as to keep the leaves from becoming coated with wax. Quickly and gently dip the flower face down into melted wax with a sliding sideways motion from left to right, covering the entire bloom with wax but not letting the flower touch the sides or bottom of the pan.
Immediately submerge the flower face down in the ice water, holding it under and moving it about for a moment to let it cool quickly, then let it float about 20-30 minutes.
Remove from water, and drain face down on several thicknesses of paper towels laid over newspapers for a cushion. Spray with a floral paint if you desire.
Keep wax dipped off ice water, using a small strainer.
Floral paint may be sprayed on bloom for longer preservation and/or to alter color.

* (Editor's Note) Mrs. Harwell visited Massee Lane during the convention last fall. She promised "this recipe to some ladies in the Boehm room," but has since lost their names and addresses. Mrs. Harwell states that they enjoy selling these waxed blooms at their shows in Southern California.

From the Desk Of The Executive Director/Editor

We are pleased to have Betty Hotchkiss be Guest Editor for this issue as we were out of the country for a few weeks to the ICS Congress and tour in England. We returned from the life of weather in the 60's to the horrible weather of the 100's and were ready to turn around and go right back to London.

While we have had serious damage from the cold weather of the last two winters we should think on the positive side of camellia growing. Other plants suffered as much or more damage as camellias, such as azaleas, pyracantha, loquat, privet, tea olive, photinia, ligustrum and even roses. Indeed one Consulting Rosarian in nearby Macon said, "Some of my roses that looked as though they might make it are still dying, and rose nut that I am, I'm 'purchasing' just a few more and bet some other members are doing the same thing!" We think that every camellia grower should take this same attitude toward camellias. Indeed visitors to Massee Lane from Arlington, Virginia and Stone Mountain, Georgia in June said that camellias were too beautiful to lose interest in and were replanting camellias at their homes.

Memberships

We should use some of this information to gain new members and to encourage unpaid members to renew for 1985. Since the last issue we have received the following Patron Memberships: Mr. & Mrs. Tim E. Abendroth, Shreveport, LA; Mr. & Mrs. Joe Abendroth, Lafayette, LA. We received these Life Members: Mr. E. T. O'Cain, Lexington, S. C. and Mr. & Mrs. John W. Pinson, Newnan, GA.

During that same period we received as a Corporate Member the Royal Botanic Garden Library of the United Kingdom and as Sustaining Members the following: Mr. & Mrs. Michael H. Hunter, Ridgeland, MS, Mrs. Charles A. Keaton, Vienna, VA, Mrs. W. Neal Rogers, Theodore, AL. Another possible way to gain memberships is to take a page from the Waikato Branch of the New Zealand

Camellia Society. On August 3, 1985 they are hosting a wide-ranging workshop in the new Horticultural School of the Waikato Institute. Demonstrations and discussions were led by experienced camellia growers from around the country. This is something that many of our local or regional societies could do at technical schools and colleges and universities.

Head Table Cooks

We still have a supply of our own cookbook *Head Table Cooks* selling for only \$10.00 plus \$2.50 postage and handling for members and \$12.50 plus \$2.50 for postage and handling for non-members. For commercial rates for 12 or more write to Ann Brown at Headquarters. On June 5 we received, in part, the following from a famous publishing consulting firm, "*Head Table Cooks* is an excellent compilation of unusual recipes and menus to delight any Southern palate. I was amazed at the thoroughness and detail of the recipes and attention to design. I will not hesitate to recommend this cookbook to anyone interested in authentic Southern cuisine. I look forward to taking it with me as I continue to work with non-profit organizations engaged in cookbook development."

Spread The Word

Here is an excellent idea on how to spread the word about camellias, something that is really needed in all camellia growing areas of the country. Why don't you or your local club take on a similar project. The Central California Camellia Society of Fresno has purchased and given to the libraries of the local college Prof. Chang's book on camellias and also a copy of *The Camellia*, edited by David Feathers. These books and others are still available from ACS Headquarters as is *The Colour Dictionary of Camellias* which usually makes a big hit with people even slightly interested in our camellia.

THE SPOTSHOT POWER SPRAYER

Here is truly a gem of a home-sized sprayer for your garden, whether you use it only on camellias or go throughout the garden as shown on the advertisement on the facing page. Actually, Betty Hotchkiss, the ACS Research Horticulturist has been heard to say, "The SpotShot Power Sprayer is really a hot-shot sprayer!"

We first saw this sprayer at the ACS Convention in Orlando, Florida last February. The company donated one to the ACS. It was won by raffle by Trustee Thomas Hughes of La Canada, California who then donated it to the ACS for our use. It has been put to good use *often*. While it looks large, it is indeed very easy to roll about the garden. You can actually get additional length of the hose up to 150 feet. As you can see from the ad, the pistol-grip nozzle is most versatile. The Pistol-grip Gunjet® has a trigger lock, 1,000 psi rated with a 24" curved swivel-tip wand and brass nozzle adjustable from mist to a 30-foot straight stream. Flat tip for wide angle spray is also included. You can spray from the top or underneath the leaves merely by twisting the swivel-tip. You can get an extra tank — which we think is a good idea — in order to use one tank for herbicides and another for fungicides and fertilizers so as not to take a chance of mixing toxic spray material with non-toxic. This sprayer is easy to clean.

How much must you pay for this outstanding piece of equipment? If you order from either of two large suppliers of nursery equipment the cost is \$350.00 FOB Alabama. IF YOU ARE A MEMBER OF ACS you can buy it directly for only \$288.00 FOB Albany, Georgia. The company will make a donation of \$20.00 for each sprayer ordered by an active ACS member. The company will quote prices for extra hose, tank or other equipment.

TO ORDER: Send a check or money order made out to Electric Spraying Systems, Inc. and send your order to ACS for verification of your membership.

This is another benefit for membership in The American Camellia Society. Your savings on one of these sprayers will pay for a few year's membership in the ACS. **ACT NOW AND ENJOY SPRAYING FOR A CHANGE.**

SpotShot

POWER
SPRAYER



Unmatched for Convenience and Versatility.

Meet **SpotShot** — the one-word solution to your chemical application problems! Its 12-volt electric pump delivers pesticides or fertilizer dependably and consistently; and the husky, sealed rechargeable battery carries plenty of punch for a full day's spraying, then charges overnight for the next day's work.

Maintenance? **SpotShot** needs none, other than easy, routine cleaning after use — and that's a snap because no disassembly is necessary and the 6 gallon spray tank is completely removable in seconds.

Extra-wide tires roll effortlessly on ball bearings, even over soft ground. Heavy-duty, galvanized steel chassis assures years of rugged service. The pump is suitable for use with all agricultural, horticultural, or lawn and garden chemicals (even wettable powders). **SpotShot** is backed by a 12 month limited warranty, too.

Superior design and quality construction make **SpotShot** the only choice for lawn and garden, nursery or greenhouse. Nothing else even comes close!

The *Camellia* Journal

WORLD'S LARGEST PUBLICATION DEVOTED TO THE GENUS CAMELLIA

Volume 40

Number 3

August, 1985



Some Camellia Stamps in our Camellia Stamp Collection. Shown here are eight from Albania; one from Poland, the United States and Belgium; two from Rwanda, three from Japan; and the one from Socialist Republic of Vietnam. The book of Camellia Stamps in the ACS Library is a most interesting one. (Photo by Executive Director)