

The BEGONIAN



JUNE, 1973

Devoted to the Sheltered Garden

VOL. 40, NO. 6



GENERAL OFFICES

GENERAL OFFICES: dues, address changes, or magazines:
10331 South Colima Road, Whittier, California 90604

Subscription: \$4.00 per year. Foreign (Mexico and Canada) \$4.50. U.S. (Mexico and Canada) 1st Class \$6.00. Foreign 1st Class \$8.00. U.S. Air Mail \$7.00. Pay in U.S. currency only.

Second Class Postage paid at Whittier, California.

ELECTED OFFICERS

President.....John W. Provine
2317 So. Third Ave., Arcadia, Calif. 91006

President-Elect.....Wallace W. Wagner
530 S. Barnett Lane, Anaheim, Calif. 92805

Past President.....Mrs. Margaret B. Taylor
111 Evelyn Dr., Anaheim, Calif. 92805

Secretary.....Mrs. Irene Grannell
1431 Coronado Terrace, Los Angeles, Calif. 90026

Treasurer.....Walter J. Barnett
1213 S. Mullender Ave., W. Covina, Calif. 91790

Vice-President 1 year.....Mrs. Helen Matsubu
Route 1, Box 120, Fruitland, Idaho 83619

Vice-President 2 years.....Jack Golding
47 Cinton Ave., Kearny, New Jersey 07032

Vice-President 3 years.....Charles A. Richardson
5444 Hartwick St., Los Angeles, Calif. 90041

BEGONIAN STAFF

Editor.....Jack C. Bergstrom
129 Agostino Rd., San Gabriel, Calif. 91776

Co-Editor.....Mrs. Alva G. Graham
929 Indiana Ave., So. Pasadena, Calif. 91030

Contributing Editors.....Mrs. Elda Haring,
Mrs. Helen Matsubu, Mrs. Phyllis Wright

Advertising Manager.....Miss Anne L. Rose
14036 E. Ramona Dr., Whittier, Calif. 90605

Circulation Manager.....Mrs. Pearl Benell
10331 S. Colima Road, Whittier, Calif. 90604

APPOINTED OFFICERS

Awards Chairman.....Mr. Walter Pease
8101 Vicksburg Ave., Los Angeles, Calif. 90045

Business Manager.....Mrs. Virginia Barnett
1213 S. Mullender Ave., W. Covina, Calif. 91790

Historian.....Mrs. Alice Broadhag
9619 Broadway, Temple City, Calif. 91780

Judging Course Director.....Mrs. Ruth Pease
8101 Vicksburg Ave., Los Angeles, Calif. 90045

Librarian.....Mrs. Lydia Austin
15329 Eastwood Ave., Lawndale, Calif. 90260

Membership Secretary.....Mrs. Betty Burrell
14050 Ramona Dr., Whittier, Ca. 90605

Nomenclature Director.....Rudolf Ziesenhenne
1130 N. Milpas, Santa Barbara, Calif. 93103

Parliamentarian.....Mrs. Margaret Ziesenhenne
1130 N. Milpas, Santa Barbara, Ca. 93103

Research Director.....M. Carleton L'Hommedieu
370 Locust Ave., Oakdale, L.I., New York 11769

Round Robin Director.....Mrs. Mae Blanton
Route 4, Box 159A, Louiseville, Texas 75067

Seed Fund Administrator.....Mrs. Florence Gee
234 Birch St., Roseville, Calif. 95678

Show Chairman.....Mrs. Cecelia Grivich
2808 S. Baldwin Ave., Arcadia, Calif. 91006

Slide Librarian.....Mrs. Katharine Alberti
3322 Troy Dr., Hollywood, Calif. 90028

Public Relations Director.....Mrs. Peggy McGrath
1724 Solejar Dr., Whittier, Calif. 90603

Northwestern P. R. Chairman.....Mrs. Eleanor Fariss
17721 Bothell Way, Seattle, Wash. 98155

Northeastern P. R. Chmn.....Mrs. Raymond C. Cronin
88 Ledgeways, Wellesley, Mass. 02181

Northern Calif. P. R. Chairman.....Mrs. John H. Smith
2479 29th Avenue, San Francisco, Calif. 94116

North Central P.R. ChairmanPhilip G. Seitner
736 W. Waveland Ave., Chicago, Ill. 60613

Public Relations Chairman for
Australia, New Zealand, and
New Guinea.....Mrs. Phyl J. Setford
P. O. Box 417, Mildura, Victoria, Australia

Views expressed in this magazine are not necessarily those of the Editors, the Society or its officers.

BRANCH NOTES & CALENDAR OF EVENTS

June 7 — Westchester Branch — 7:30 p.m. — Mr. Ken Terry, noted nurseryman, teacher and grower will present a program entitled "Little Things and Other Things". You will have to attend this meeting to discover the key to this title, but be assured that Mr. Terry will make it interesting. Everyone is welcome. The meeting is held at the Westchester Women's Club, 8920 Alverstone Avenue in Westchester.

June 7 — Whittier Branch — 7:30 p.m. — Speaker will be Kenneth Drennon, affiliated member of our branch who will discuss "Begonias and their Care and Culture". Mr. Drennon has grown begonias for many years and will give many valuable tips.

June 8 — North Long Beach Branch, 5535 Stearns, Long Beach. Program: Member Jack Lowder will show slides and comment on "Gardens in America and Europe." Visitors are always VERY welcome.

June 8 — San Gabriel Valley Branch will enjoy a slide program about garden plants and bugs by John and Betty Elmore. John is a retired entomologist from Whittier College, and his pictures make worms look interesting. He and Betty are expert photographers and

are well known in the Whittier Circle of Confusion, an association of artists: You are invited to see them.

June 12, 7:45 p.m. — Glendale Branch — "How I Grow Begonias" will be disclosed by Sylvia Leatherman at this meeting. She will provide the plant table. Refreshments will be served, and everyone is invited to attend.

June 19, 1973 — Mr. Paul Riviere, Past President of the San Francisco Branch will talk on "Tuberous Begonias" at the Sacramento Branch regular meeting in the Shepard Garden and Art Center, 3300 McKinley Blvd., Sacramento, at 8 p.m. Come
(Continued on Page 136)

CONTENTS

Branch Notes	123
Cover Picture	124
B. Parva	125
Thomas MacDougall	126
Research Report	127
Begonia Clinic	128
Seed Fund	129
41st ABS Show	130-135
Round Robin	137
Through The Looking Glass	139
Learning in Santa Barbara	140
Branch Directory	142
Board Meeting Minutes	143

AIMS AND PURPOSES OF THE AMERICAN BEGONIA SOCIETY, INC.

The purpose of this Society shall be:

TO stimulate and promote interest in *Begonias* and other shade-loving plants;

TO encourage the introduction and development of new types of these plants;

TO standardize the nomenclature of *Begonias*;

TO gather and publish information in regard to kinds, propagation and culture of *Begonias* and companion plants;

TO issue a bulletin which will be mailed to all members of the Society; and

TO bring into friendly contact all who love and grow *Begonias*.

COVER PICTURE: BEGONIA 'RED TRACERY' AND OTHER HYBRIDS

By M. L. MacIntyre
Holmes, Chapel, Crewe, England.

I wrote an article which was included in the February, 1967, *Begonian* in which I described my first attempts at hybridization. I crossed *B. 'Norah Bedson'* with *B. 'Clifton'* and no two resulting hybrids were the same. Of these I sent three to Michael Kartuz and these have been included in his List.

About this time I received a plant which had the name *B. chimborazo* in this country, but this name has since proved to be incorrect and now, temporarily, bears the name *B. zip*. It is not a very attractive plant but it does have a prominent red spot at the sinus. I thought that if I used *B. zip* with some of the above and other hybrids the red spot might be transferred to new hybrids with leaves more attractive than those of *B. zip*. The results were remarkable for all the seedlings I was able to grow had the red spot. One plant, which I named *B. 'Red Spider'*, has red veins as well as the red spot. Other than the above there is little of *B. zip* in my hybrids, only one or two having the odd partly peltate leaf.

To produce *B. 'Red Tracery'* I used a hybrid of *B. 'Cleopatra'* x *B. 'Tracery'*. This plant was not very special so I have not named it. However, I thought that I might get something of both parents if I crossed it with *B. zip*. The only plant of this cross worth naming was

B. 'Red Tracery'. As can be seen from the cover plate, the red spot of *B. zip* is there but very little of *B. 'Cleopatra'*, only the odd leaf tending to be star shaped. The dark brown reticulated pattern of the leaf is more pronounced than that on *B. 'Tracery'* and is slightly raised above the main leaf surface which is something I have not seen in any other *Begonia* leaf.

It is a most vigorous plant and is at its best in shade. The leaves are about $2\frac{3}{4}$ inches x 4 inches and the petioles about 8 inches long, almost red and flecked white. The flowers are about $\frac{3}{4}$ inches across, white, pale pink on reverse and the female flowers have pale pink ovaries.

This plant and any other of my hybrids which I thought may be of interest have been sent to Michael Kartuz from whom they may be obtained.



AMERICA BEGONIA SOCIETY

INSIGNIA PINS\$4.50
EMBLEM STICKERS50
GARDEN SIGNS 1.00

Price includes postage
(California residents, add 5% tax.)

ORDER FROM
John W. Provine
2317 So. Third St.
Arcadia, Calif. 91006



Photo by Walter Haring

B. PARVA

By Elda Haring

Often one hears it said that species begonias are difficult to grow. True, some of them can be exacting in their requirements. On the other hand, in my experience a number of the species are not only interesting but are as easily grown as a semp. One of these is *B. parva*. This one was discovered in 1908 in the Philippines. *B. parva* is a cane-like trailer. The pointed oval leaves are light green with reddish stems. The stemless flowers, rose pink in color, appear in the axils of the leaves and are borne over a period of many months. Except for a short resting period one could almost call it ever-blooming. Seed pods resemble a small capsule.

This begonia grows well in a variety of potting mixes, even in the soilless mix that I use for seeds and cuttings, i.e., one third vermiculite, one-third milled sphagnum and one-third perlite, with one-half strength bi-weekly feeding of a water soluble fertilizer. A most agreeable begonia, in my greenhouse in Connecticut it

was happy at the north end of the bench where it received several hours of morning sun. However, here in North Carolina, the sun being much stronger, it is lightly shaded the year around. *B. parva* grows well under the Gro-Lux fluorescent lights and under both warm white and cool white lamps and even small cuttings will bloom profusely in this light.

Keep this begonia only slightly moist, neither dry nor wet. It can dry out completely without seeming damage but I think it is preferable to permit potting mix to approach dryness on top before rewatering, then give enough water for the entire root ball to be moistened. While this method is fine for my conditions, you should keep in mind that it may not suit the conditions where you grow your plants. If a plant is vigorous and healthy with the kind of care you can give it you would not want to change. My plant of *B. parva* was obtained from my friend and yours, Michael Kartuz, who advertises in *The Begonian*.

THOMAS MAC DOUGALL

By Rudolf Ziesenhenne

Thomas MacDougall of Greenwich, Connecticut, plant explorer and collector, died while on an expedition in Southern Mexico during January, 1973.

Mr. MacDougall's passing is a great loss to the begonia world. From October to April of each year since 1938, he traveled to the Southern Mexico hinterlands collecting plants, one of his favorites being the begonia which he collected for others' research and growing enjoyment. He confined his own growing, he once told me, to echeverias and epiphyllums.

The veteran plant explorer was very interested in the American Begonia Society and shared his collecting trips with members through his own illustrated articles and by supplying illustrations and materials to other authors.

The extent of his collecting is not known to me, but I do know he also collected palm seed, cacti, and rodents, and acted as a guide for other plant and animal collectors.

In discussing the risks of collecting in the back country of Mexico, Mr. MacDougall said he always contacted the mayor or head man of a village and had him appoint a villager to conduct him safely to the next village, progressing from village to village by having the next mayor release the first man so he might return to his own village, and appoint a new guard to take Mr. MacDougall to the next destination. He collected as he traveled in the remote areas, at night camping in

the open when he would search for rodent runs and set his traps, getting down on his hands and knees. He was in this kneeling position when he found the very small begonias which usually proved to be a new species.

I first contacted Mr. MacDougall on February 25, 1941, asking him if he would sell me the begonias I understood he had been collecting in Mexico. He first sent me tubers of Begonia "Palmaris" which proved to be *B. biserrata* Lindl. I received my last shipment of begonias on June 26, 1972, numbers C 273, 312, 325, 326 and 327.

Our agreement was that he would collect begonias exclusively for me with the provision that I would not sell them until I had identified or described them. During the years he collected 327 numbers, some of which were duplicates. I have a number of what I believe to be new species still to be described. Many of the plants to be named are most interesting and should certainly be used in hybridizing.

Unfortunately many of the plants collected did not survive their fumigation, some dried in shipment, and others rotted; a few died in the propagating bed.

Begonias collected in the wilds are difficult to maintain, being very succulent and subject to rot while awaiting shipment to the United States. Mr. MacDougall planted the collected begonias and had someone look after them until he was ready to come home. He then cut off all

roots because of the incidence of root nematode in Mexico and carried the plants to Laredo, Texas, for inspection and fumigation, after which he would immediately air mail them to me.

We are greatly indebted to Mr. MacDougall for the variation in plants he discovered. They have enriched begonia hybridization.

The most important begonia discovered by Mr. MacDougall was the species *Begonia bowerae* as it and its descendents have been extensively used in hybridizing. I have a list of over 130 named cultivars of *B. bowerae* which have come to light while I have been working on an article on the begonia species. There are probably dozens of others whose names have not appeared in *The Begonian*.

The begonia most profitable to me was *B. cristobalensis* which I sold originally as *B. 'Strigillosa'*. This plant was attractive to me as it was, but many growers recognized its worth in hybridizing. Mr. F. J. Bedson, former president of the National Begonia Society of England, crossed *B. bowerae* and *B. cristobalensis* to create *B. Norah Bedson*. Other descendents are *B. 'Aries'* and *B. 'Mercury'* of Thelma O'Reilly; also *B. 'English Knight'*, *B. 'Tracery'*, *B. 'Jodrell Bank'*, *B. 'Many Colors'* and *B. 'Clifton'* of M. L. MacIntyre of Crewe, England.

Other original species found by Mr. MacDougall and named by me are *Begonias macdougallii*, *cavum*, *hispidavillosa*, *chivatoa*, *kenworthya*, *franciscae*, *aridicaulis*, *philodendroides*, *purpusii*, *bettinae*, *tacanana*, *viscida*, and *kortsae*.

My years of correspondence with Mr. MacDougall were enriched by

many letters containing precise, valuable collection information. Last summer I compiled a list of the begonias he had collected, including his collecting notes, sending it to him at his home in Connecticut. He said he would take it to Mexico where he would check it against his collecting books. I received the corrected list in the middle of January, probably mailed just before his death. Unfortunately my records are still incomplete as to collection habitat for numbers C 314 through C 327. It is hoped his collecting notes will be located so the begonia records may be completed.

RESEARCH REPORT

Leaf Surface Temperature Relations in *Begonia masoniana* Irmsch. ex. Ziesenh. and their Significance (Contribution from the Agricultural Research Organization, Bet Dagan, Israel, 1972 Series, No. 2065-E.) by Rene Harschoen, Forestry Division, Agricultural Research Organization, Ilanot, Israel. In *Oecologia Plantarum* 1972, 7 (4) 347-356.

Begonia masoniana Irmsch. ex. Ziesenh. was unable to cool its leaf surface below the surrounding air temperature when placed in the sun. The dark part of the leaf was warmer than the green portion in full sun. The rate of heating was higher in young leaves than in the fully developed leaves.

B. masoniana in the sunlight is unable to cool the leaf surface by increasing the transpiration.

Plants in the shade had a temperature close to that of the surrounding air. There was no difference in temperature between the dark and green areas.

BEGONIA CLINIC

By Elda Haring

Besides caring for and enjoying our own collections of begonias there is no greater pleasure than meeting with and sharing experiences with other growers. We had the privilege recently of attending a two-day Begonia Clinic in Central Florida and found it most stimulating and exciting. Beginning as a small group three years ago, sponsored by Lois Covey of Tarpon Springs, the yearly event has become a full fledged mini-convention. Mrs. Covey, who is the author of the well-known Lois Lansky Books for Children, invited Florida members of ABS to meet in her beautiful tropical garden where she grows her begonias and other shade loving plants in lath houses.

This year 20 members of ABS attended. From Miami, 350 miles away, the Frances Michelsons brought and talked about a number of the hybrids they have registered with ABS over the years. From Long Island, New York, the James Wyrzens brought with them two friends who have recently retired to Florida. Mr. Wyrzen was the featured speaker and gave an excellent talk on propagation. Patt Shumacher of New Port Richey spoke on growing difficult begonias in bubbles and bowls, displaying some beautiful plants she has grown in this manner. Also an expert on growing begonias from seed she demonstrated the method she finds so successful.

The first day ended with a visit to the slat house of Hazel Tripp where were displayed prize winning

specimens all grown from leaf cuttings only a year ago. Margaret Aman of Plant City displayed huge hanging baskets of *B. imperialis* and *B. silver pustulata* as well as other magnificent begonias and discussed her methods of growing them. Dora Lee Dorsey of Tampa, who is no stranger to the pages of *The Begonian*, brought a large collection of begonias including her own cross, *B. 'Edna Mae Stewart'*, named for the Chairman of the recent Eastern Convention. Dora Lee also discussed in detail her methods of growing her begonias in the open in her backyard.

Leota Simpson and Ann Helton, who are well known in horticultural circles in the city of Jacksonville, brought begonias and rare tropical ferns to show as well as specimens of the 'Rieger' Begonias which they have so successfully grown. There was a general sharing of rooted plants and cuttings and much discussion of problems and methods of growing.

I found this meeting most stimulating and it seems to me that ABS members everywhere who live too far apart to meet regularly or to attend conventions could plan such a meeting once a year. What a splendid way to increase one's knowledge of Begonias and to share plants and cuttings with friends.

**BEGONIAS
HOUSE and GARDEN PLANTS.**

Send for List—10c

**MRS. BERT ROUTH
Louisburg, Missouri 65685**

CLAYTON M. KELLY SEED FUND

B. Rex Hybrids — German

All the beautiful and popular colors that make German Rex so popular — both spiral and plain leaf. Price \$1.00 per pkt.

A few suggestions that you might find helpful in growing Rex Begonias from seed. Rex seeds are touchy about warmth. Bottom heat is desirable. Seeds require from three to four weeks to germinate, sometimes longer. Sow them especially thin to give the seedlings a chance to grow undisturbed as long as possible before transplanting. Do not try to transplant seedlings until they have grown the second set of true leaves. The characteristics will not be evident until at least the fourth set of true leaves appear, and sometimes they are not permanent, as they can change color and texture during the first three years.

Please note —

During the past several years we have had many requests for an all semperflorens list of Begonias but we have hesitated because many members do not have space or proper conditions for them. However, this month we are personally handicapped due to a fall which resulted in a dislocated shoulder and numerous bruises and abrasions and have not been able to compile a list of species.

Beautiful and versatile plants for shade or semi-shade that will flower for many months — F₁ hybrids from European specialists that will tolerate adverse weather conditions. Why not brighten up your garden with some of these beautiful plants?



Begonia Semperflorens

No. 1—B. sc 'Linda' rich rose

Very free flowering, large flowered and compact. Resists disease and adverse weather. Three to five inches. Price 50 cents per pkt.

No. 2—B. sc 'Derby'

A bi-color of glistening white with each petal edge tinged salmon pink. Very free flowering, compact and uniform. Price 50 cents per pkt.

No. 3—B. sc 'Scarletta'

Bright scarlet red. Best for vivid color and uniform dwarf habit. All flowers bloom freely, at once. One of the best. Price 50 cents per pkt.

No. 4—B. sc 'Matador'

Light scarlet with white center. Free flowering, compact in pots or ground. Price 50 cents per pkt.

No. 5—B. sc 'Patria'

Bronze foliage, superior dwarf habit, clear rose. Price 50 cents per pkt.

No. 6—B. sc 'Othello'

Scarlet orange, bronze foliage that glistens as though waxed. Beautiful semperflorens. Price 50 cents per pkt.

No. 7—B. sc 'Sleeping Beauty'

Six inches, bright carmine, ex-

(Continued on Page 136)

1973 SHOW SCHEDULE

41st Annual Show of the American Begonia Society

At California State University, Fullerton, Ca.

August 16, 1973 — Entries 10:00 A.M. to 10:00 P.M.

August 17, 1973 — Judging: Start 9:30 A.M.

Preview: 6:30-8:00 P.M.

August 18th & 19th — Public Showing

EAST MEETS WEST

The basic class is for the potted plants. Trellised plants are considered potted plants.

DIVISION A — CANE LIKE

EDNA KORTS PERPETUAL
TROPHY FOR BEST CANE
BEGONIA

Class

1. Superba type as *B. sceptrum*, *B. 'Sophie Cecile'*
2. Mallet type as *B. 'Tingley Mallet'*, *B. 'Arabelle'*, *B. 'Faustine'* (green)

All Other Canes:

3. Low canes (under 2 ft.)
4. Medium canes (2 ft. to 4 ft.)
5. Tall canes (over 4 ft.)
6. Trailing as *B. 'Florence Carrell'*, *B. limmingheana*

DIVISION B — SHRUB-LIKE

HELEN BAILEY MEMORIAL
PERPETUAL TROPHY FOR BEST
SHRUB-LIKE BEGONIA

Large Leaved (Bare Leaved):

Class

1. As *B. 'Dorothy Grant'*, *B. 'Braemar'*, *B. caraguatatubensis*
2. Fleshy stemmed as *B. 'Phyllomaniaca'*, *B. 'Paul Bruant'*, *B. 'Gilsonii'*

Medium Leaved (Bare Leaved):

3. *B. 'Thurstonii'*, *B. 'Credneri'* *B. odorata*
4. Quite fleshy stemmed as *B. ulmi-folia*, *B. parilis*

Small Leaved (Bare Leaved):

5. Acuminata type as *B. 'Catalina'*, *B. 'Richmondensis'*, *B. 'Rutherfordiana'*
6. Other than acuminata type as *B. foliosa*, *B. fuchsioides*, *B. 'Multiflora Rosea'*, *B. domingensis*

Hairy Leaved:

7. Wide leaved, upright growth as *B. tomentosa*, *B. 'Alto Scharff'*
8. Narrow leaved, upright growth as *B. bradei*, *B. listida*
9. Compact as *B. olsoniae*, *B. acida*

DIVISION C — THICK STEMMED (NOT JOINTED)

BEST THICK-STEMMED
BEGONIA TROPHY

Brittle Stemmed:

Class

1. Large leaved as *B. 'Rudy'*, *B. ludwigii*
2. Small leaved as *B. 'Richard Robinson'*

Woody Stemmed:

3. Thick stemmed as *B. pilifera*, *B. incana*
4. Taller growing as *B. kellermanii*, *B. 'Marie Reed'*, *B. 'Tamo'*

Thickset:

5. As *B. J-11*, *B. friburgensis*

DIVISION D — SEMPERFLORENS CHARACTERISTICS

REDONDO AREA PERPETUAL
TROPHY FOR BEST
SEMPERFLORENS BEGONIA

Species:

Class

1. Semperflorens type
2. Schmidtiana type

Cultivars:

3. Single-flowered
4. Semi-double and double-flowered
5. Variegated foliage as *B. 'Calla Queen'*, *B. 'Charm'*
6. Schmidtiana cultivars

DIVISION E — RHIZOMATOUS

JOHN R. WILLIAMS MEMORIAL
PERPETUAL TROPHY FOR BEST
RHIZOMATOUS BEGONIA

Leaf size will be determined by the
greatest dimension of the majority of
leaves.

Small Leaved (under 3"):

Class

1. Even margin
2. Cut or compound
3. Crested or spiral

Medium Leaved (3" to 6"):

4. Even margin
5. Cut or compound
6. Crested or spiral

Large Leaved (6" to 12"):

7. Even margin
8. Moderately cut margin
9. Deeply cut margin or compound
10. Crested or spiral
11. Giant-leaved (over 12")

Rhizome-like Erect Stem:

12. Even margin as *B. manicata*
13. Cut or compound as *B. kenworthyae*, *B. carolineifolia*
14. Crested margin as *B. manicata crispa*, *B. "Madame Queen"*

Rhizome Jointed at Soil, with Erect Stem:

15. As *B. deliciosa*, *B. tenuifolia*, *B. hemsleyana*

Distinctive Foliage:

16. *B. imperialis* and *imperialis*-like plants as *B. pustulata*, *B. 'Silver Jewell'*, *B. 'Emerald Jewell'*
17. Exotic types (without rex background) as *B. 'Crystal Lake'*, *B. rajah*, *B. griffithii*, *B. goegoensis*, *B. versicolor*, *B. crispula*
18. Compact hairy as *B. acetosa*, *B. 'Laura Jane'*

DIVISION F — REX CULTORUM

GONDA HARTWELL
CHALLENGE TROPHY FOR
BEST REX BEGONIA

Leaf size will be determined by the
greatest dimension of the majority of
leaves.

Small Leaved (under 3"):

Class

1. Spiral
2. Non-spiral

Medium Leaved (3" to 6"):

3. Spiral
4. Non-spiral

Large Leaved (over 6"):

5. Spiral
6. Non-spiral

Upright Stemmed:

7. Spiral
8. Non-spiral

DIVISION G — SEMI-TUBEROUS AND TUBEROUS SPECIES

BEST SEMI-TUBEROUS OR
TUBEROUS SPECIES TROPHY

Class

1. Semi-tuberous as *B. dregei*, *B. 'Weltoniensis'*
2. Tuberous species and first generation (F_1) hybrids as *B. cavum*, *B. pearcei*, *B. 'Santa Barbara'*, *B. davisii*, *B. boliviensis*, *B. 'Torsa'*

DIVISION H — TUBERHYBRIDA

PALOS VERDES BEGONIA FARM
CHALLENGE TROPHY FOR BEST
TUBEROUS BEGONIA

Both single and multiple-stemmed up-
right plants are acceptable.

Class

1. Multiflora
2. Single-flowered
 - a. Plain
 - b. Crested or frilled
3. Double
 - a. Roseform
 - (1) Solid color
 - (2) Picotee-flowered
 - b. Ruffled flower
 - (1) Solid color
 - (2) Picotee-flowered
4. Trailing
5. *B. socotrana* and its hybrids as Hiemalis types and Cheimantha types

DIVISION I — SPECIES

INGLEWOOD BRANCH
MEMORIAL PERPETUAL
TROPHY FOR BEST
SPECIES BEGONIA

Species Begonias may be entered in this
or in other Begonia Divisions.

Class

1. Cane-like

2. Shrub-like
3. Thick Stemmed (Not Jointed)
4. Semperflorens
5. Rhizomatous
6. Semi-tuberous and tuberous

DIVISION J — BEGONIA GROWN IN A CONTAINED ATMOSPHERE

SAN GABRIEL VALLEY
PERPETUAL TROPHY FOR BEST
BEGONIA GROWN IN A
CONTAINED ATMOSPHERE

Terrariums, bubbles, or other containers providing an enclosed atmosphere for plant growth.

Class

1. Species
2. Hybrids

DIVISION K — BEGONIA HYBRIDS IN CULTIVATION 25 YEARS OR LONGER

SAN MIGUEL BRANCH
PERPETUAL TROPHY FOR BEST
BEGONIA IN CULTIVATION
25 YEARS OR LONGER

All Begonias grown in any manner may compete in this Division only.

Class

1. Cane-like
2. Shrub-like
3. Thick-stemmed (Not Jointed)
4. Semperflorens
5. Rhizomatous
6. Rex
7. Semi-tuberous and tuberous

DIVISION L — BEGONIAS GROWN IN HANGING BASKETS AND WALL POCKETS

WILLIAM L. TAYLOR
PERPETUAL TROPHY FOR BEST
HANGING CONTAINER
BEGONIA

FERD NEELS MEMORIAL
PERPETUAL TROPHY FOR BEST
WALL POCKET BEGONIA

Class

1. Baskets
2. Wall Pockets

DIVISION M — NOVEL GROWN BEGONIAS

BEST NOVEL GROWN
BEGONIA TROPHY

Class

1. Totem Pole
2. Rocks
3. Driftwood
4. Bark
5. Unique Container Grown

DIVISION N — NEW BEGONIA INTRODUCTIONS

AMERICAN BEGONIA SOCIETY
PERPETUAL TROPHY FOR BEST
NEW BEGONIA INTRODUCTION
HERBERT P. DYCKMAN
PERPETUAL AWARD FOR THE
MOST DISTINCTIVE NEW
FIBROUS BEGONIA
JOHN THIEBEN PERPETUAL
AWARD FOR THE BEST NEW
RIZOMATOUS BEGONIA
INTRODUCTION
(other than Rex)

Entries in this Division are not eligible for any other Division trophy.

Original stock plants must have been in cultivation at least 36 months.

Eligible plants may not have been shown in competition before this year's Annual Show.

The hybridizer need not have grown the plants; the grower may enter plants with the hybridizer's permission. Entry forms must show names of both grower and hybridizer, date of germination.

A plant not in bloom should be accompanied by a description of the bloom and time of bloom.

A plant is not eligible if it has been released either by sale or gifts; distribution of a few plants for testing does not constitute release.

Class

1. New Hybrid introductions
2. Other than hybrids as species, mutations

DIVISION O — BEGONIA COLLECTIONS

BESSIE RAYMOND BUXTON
BRANCH PERPETUAL AWARD
FOR BEST COLLECTION OF

**FIVE BEGONIAS, EACH FROM
A DIFFERENT CLASS**

(Entries in this Division are not eligible for any other Division Trophy or Best Begonia in Show Trophy.)

Exhibitors are responsible for arrangements of their own entries.

COLLECTION OF FIVE BEGONIAS:

Class

1. All plants from the same division, but different classes
2. Each plant from a different division

DIVISION P — NOVICE GROWER

**THEODOSIA BURR SHEPHERD
BRANCH PERPETUAL TROPHY
FOR BEST BEGONIA GROWN
BY A NOVICE GROWER**

All Begonias grown in any manner by Novice Growers compete in this Division only.

Class

1. Cane-like
2. Shrub-like
3. Thick Stemmed
4. Semperflorens
5. Rhizomatous
6. Rex
7. Tuberous

DIVISION Q — STUDENT DIVISION

**BEST ENTRY IN STUDENT
DIVISION TROPHY**

Open to all 20-year-olds and under. Plants grown in any manner by a student may compete in this Division only.

Class

1. Begonias
2. Other Shade Plants

DIVISION R — GARDEN DISPLAYS

**JACK BAILEY MEMORIAL CUP
FOR BEST BRANCH DISPLAY**

Open to all Branches in the area.

Following the theme of the show. Edging and floor protection required. The size of the floor garden displays is left to the discretion of the Placement Chairman. Notification of an intended entry in this division must be sent to the Placement Chairman by *August 1, 1973*.

**DIVISION S — EDUCATIONAL
BEGONIA DISPLAYS**

**BEST EDUCATIONAL BEGONIA
DISPLAY TROPHY**

Entries limited to tables. Notification of an intended entry in this division must be sent to the Placement Chairman by *August 1, 1973*.

Class

1. Branch Entry
2. Individual Entry
3. Student Entry.

**DIVISION T — PHOTOGRAPHS OF
BEGONIAS**

**BEST BEGONIA PHOTOGRAPH
TROPHY**

Open to anyone residing outside 100 mile radius of Show.

Class

1. Black-and-white print
2. Color print
3. Color slide

Make certain that the name of the plant and the exhibitor's name and address are on each picture. It is better to do your writing on masking tape (or comparable material) and paste it on the back rather than write on the back of pictures. If a picture is to be returned, enclose a self-addressed and stamped envelope. Send entries to: Mrs. Mabel Anderson, Classification Chairman, 16609 Cypress Street, Covina, CA 91722.

DIVISION U — PLANTERS

BEST PLANTER TROPHY

A single container with an artistic arrangement of several different *rooted* plants.

Class

1. Predominantly Begonias
2. Other Shade Plants

**DIVISION V — MINIATURE
GARDENS**

**BEST MINIATURE
GARDEN TROPHY**

Not to exceed 30" square. Begonias predominating.

DIVISION W — FERNS

**ARTHUR STRANDBURG
PERPETUAL TROPHY FOR
BEST FERN**

Class

1. Adiantums

2. Ferns under 2 ft.
3. Ferns 2 ft. to 4 ft.
4. Ferns over 4 ft.
5. Tree Ferns
6. Platyceriums

DIVISION X — OTHER SHADE PLANTS

BEST SHADE PLANT (other than Begonia) TROPHY

Class

1. African Violets
2. All other Gesneriads
3. Orchids
4. Bromeliads
5. Fuchsias
6. Vines and trailing shade plants
7. Asparagus
8. Bonsai
9. Shade plants not listed above

DIVISION Y — ARRANGEMENTS AND CORSAGES

BEST ARRANGEMENT OR

CORSAGE TROPHY

Entries should follow the Show Theme: "East Meets West"

Foliage and accessories permitted in all classes. Artificial plant materials will not be permitted. Material need not have been grown by the exhibitor.

Arrangements:

Class

1. Begonia flowers and foliage (other than tuberhybrida)
2. Tuberous Begonia flowers
3. Begonias and other shade plant material
4. Rex Begonia foliage predominating
5. Other shade plant material not listed
6. Miniature not to exceed 5".

Corsages:

7. Begonia flowers
8. Other shade plant material

RULES FOR THE 41st A.B.S. ANNUAL SHOW

1. The Show Chairman shall have complete charge of all exhibits from the opening to the closing of the show.

2. Competition is open to all who wish to enter. However, *only* A.B.S. members are eligible to compete for the Perpetual and Challenge trophies.

3. There will be no exhibitor's fee.

4. All entries must be made Thursday, August 16, 10:00 a.m. to 10:00 p.m. *No entries will be accepted Friday, August 17.* Judging will start 9:30 a.m., Friday, August 17.

5. All entries must be checked with the Classification Committee *before* registration. Competitive entries must be made according to the Show Schedule or be disqualified. Additional classes may be created at the discretion of the Classification Chairman.

6. There will be Begonia Divisions for Growers, a Begonia Division with classes for Novice Growers, and a Division for Students (limited to 20-year-olds and under). A Novice Grower is one who is entering the A.B.S. show for the first time. Each exhibitor will compete in his own Division except for certain Specific Awards. A Novice Grower or

Student may enter as a Grower if he wishes to compete with Growers for Special Awards, i.e., Best New Introduction.

7. An exhibitor may enter more than one plant in any Class provided each plant is of a different variety. However, each entry may compete in only one Class.

8. *All* entries exhibited in competitive Classes must have been grown by the exhibitor and have been in his possession at least three months prior to the Show. Arrangements and Corsages excepted.

9. Containers and plants must be clean and neat. The Show Chairman shall have the right to exclude, refuse, or remove any diseased, infected, or unsightly exhibits.

10. All plants should be clearly labeled. Errors will not disqualify but judges will recognize correctness in close competition. Synonymous names are acceptable.

11. No artificial plant material may be entered in any Class or Division, including the Arrangements and Corsages Division.

12. All plants shall be placed by the Placement Committee. Exhibitors in the Begonia Collection Division are responsi-

ble for the arrangements of their entries. Credit is given for arrangement.

13. The Show Chairman shall assume complete charge at the start of judging, and no person will be allowed to interfere with the judges. Only the Show Chairman and personnel authorized by him will be permitted in the Show during judging.

14. No exhibitor or judge may change the Class of an entry without the consent of the Show Chairman.

15. Entry cards must remain sealed until the Show Chairman declares all judging complete.

16. The judges shall make awards according to merit only. If the entry is without merit, the judges shall make no award regardless of the number of entries in the Class.

17. Only entries receiving first place Class awards may be considered for Division trophies.

18. The judges may use only the Point Scoring System for Begonias as approved by the American Begonia Society.

19. Judges are to follow A.B.S. judging procedures prescribed by the Judging Chairman and the Show Chairman.

20. All Begonia entries must receive 85 points to be eligible for Perpetual or Challenge trophies. Entries must receive 90 points or more to be eligible for Cultural Awards.

21. A Sweepstakes Trophy will be awarded to the exhibitor with the most blue ribbons in Begonia Divisions.

22. The judges' decision will be final for awards. If the Show Chairman determines that according to good common judging practices a gross injustice has occurred, it shall be the duty of the Show Chairman to have the questioned exhibit reviewed by the board comprised of a new team of judges selected by the Show Chairman.

23. The A.B.S. will exercise due caution in safeguarding exhibits but will not be responsible for loss or damage to the property of an exhibitor. Exhibitors are responsible for watering and other care of their entries.

24. No exhibit or award may be removed before the end of the Show without the consent of the Show Chairman. Any violation of this rule may result in forfeiture of any or all awards.

25. All Perpetual and Challenge trophies will remain in the possession of the Show Chairman for engraving immediately after the Show. Trophies will be engraved as soon as practical and made available to the winners.

26. All Perpetual trophies and those Challenge trophies not retired must be returned to the Show Chairman *four weeks* prior to the next ABS Show.

TROPHIES AND AWARDS

Each Class will be judged for First (Blue Ribbon), Second (Red Ribbon), and Third (White Ribbon) on merit only. All Blue Ribbon winners in a Division will be judged for Division Trophies.

An entry must receive 85 points to qualify for a Division, Perpetual, or Challenge Trophy.

A Perpetual Trophy is never retired. A Challenge Trophy may be retired to an exhibitor who has won it three times, not necessarily consecutively.

A.B.S. Sweepstakes Trophy will be awarded to the grower with the most blue ribbons in the Begonia Divisions.

An A.B.S. Cultural Award will be given to the winner of each of the following Begonia Divisions if it receives 90 points or better: Cane-like, Shrub-like, Thick Stemmed, Semperflorens characteristics, Rhizomatous, Rex, Tuberos (including Tuberos Species) and New Introductions.

Exhibitors will compete for Division Trophies only (see Show Schedule), except for the AMERICAN BEGONIA SOCIETY PERPETUAL AWARD FOR BEST BEGONIA IN SHOW. Exhibits in the New Introductions Division, the Novice Grower Division, and the Student Division are not eligible to compete for this award.

CALENDAR

(Continued from Page 123)

and bring a friend so we can learn to grow these little beauties.

June 22 — Redondo Area Branch — 7:30 p.m. Speaker: Irene Nuss on "Cane Begonias." Plant Table and Refreshments.

June 26 — Miami Branch, 7 p.m. The June meeting will be a covered dish supper to celebrate the Fortieth Anniversary of the founding of the American Begonia Society.

July 5 — Whittier Branch — 7:30 p.m. — Mr. Shirl Giles, President of the Southeast Horticulture Society will be guest speaker. His topic is "Look Closely in Your Own Back Yard". This talk will be illustrated with colored slides.

July 14-15 — The Ventura Theodosia Burr Shepherd Branch Annual Flower Show will be held July 14 from 1 p.m. to 6 p.m. and the 15th from 10 a.m. to 5 p.m. at the Anacapa Junior High at 100 Mills Rd., Ventura, Calif. No admission charge and free parking.

July 21 and 22 — Westchester Branch will hold its first Branch show in many years. It will be non-competitive. More details later, but save the date.

July 27 — Redondo Area Branch — 6:30 p.m. Potluck Dinner. Speaker: Joe Littlefield on "Begonias and General Gardening." Plant Table and Coffee.

July 28-29 — Seattle Begonia Society Annual Seafair Begonia Show, "Magic Moments" on Saturday, July

28th (2:00 to 8:00 P.M.) and Sunday, July 29th (10:00 A.M. to 7:00 P.M.) at the Loyal Heights Recreation Center, 21st N.W. and N.W. 77th Streets. Admission 35¢.

July 29 — Theodosia Burr Shepherd Branch Garden Tour, beginning at 265 Walnut Drive, Ventura. 1 p.m. to 5 p.m.

SEED FUND

(Continued from Page 129)

tremely free flowering. Sun and rain proof. Price 50 cents per pkt.

No. 8—*B. sc* 'Bridget'

Six inches, with large pure white blooms, free flowering green foliage. Price 50 cents per pkt.

No. 9—*B. sc* 'Derby'

New. Coral-salmon with lighter center. Very unusual color. Price 50 cents per pkt.

No. 10—*B. sc* 'Pink Profusion'

Coral pink with purple buds and green foliage. Vigorous, dense grower and highly resistant to full sun. Price 50 cents per pkt.

Please send requests for seed to:

Mrs. Florence Gee
Seed Fund Administrator
234 Birch Street
Roseville, California 95678

Please include complete return address with orders.

NEW INDOOR GROWING AND GREENHOUSE JOURNAL
Practical. Thorough. Accurate. Full-size (8½ x 11).
Monthly (except July & August). Concentrates on making growing easier; reports on new developments, time and labor-saving techniques, short-cuts to better plants.
1 year, \$9. 2 years, \$16. 3 years, \$20.

PLANTS ALIVE

2100 N. 45th, Seattle, Wash. 98103

ROUND ROBIN NOTES

Robin letters have been full of interesting ideas and exciting reports from all over the world. We are still waiting for a few more requests to form an All-Canada robin and an All-Australian one.

From Australia comes word that Phyl Setford is still working hard to achieve her goal of 20 new members for the American Begonia Society by June. Mickey Meyer has been locating many long-time collectors of Begonias there and is soon to visit one with a collection of over 600 varieties.

From Florida comes an exciting report of their second Begonia Seminar in February sponsored by the #9 All-Florida robin. The two day event took place in the beautiful Begonia garden of Lois Covey in Tarpun Springs, with a number of guests attending, including the Walter J. Harings of North Carolina and the Jim Wyrzens of New York. Talks, demonstrations and discussions were had both days on several phases of Begonia growing, both by the guests and members of the robin, with a plant sale, door prizes and a trip to Hazel Kipp's greenhouse as a bonus.

Irena Braglewicz of Canada gave a detailed description of the marvelous greenhouse her architect husband designed for her. The north side is fully insulated and is really a potting shed; the south side has windows under which a three foot wall is fully insulated; the roof is made of corrugated vinyl plastic. In the fall her husband put a double glazing on the roof from the inside using a clear plastic called Styrene which looks like glass but feels softer and is more pliable. When weather

started getting quite cold, he put sheets of clear plastic on the outside. They put a thick layer of straw on the bottom all around the greenhouse. It was so well insulated that the snow would not melt on the roof so he had to remove the sheet plastic from the outside of the roof. The space heater, with all the insulation, "ate up the air" causing the fire to go out so he led a five-inch pipe from the outside into the stove to provide it constantly with fresh air. Heating proved to be most economical even in the severe climate of Quebec.

Connie Holcombe, Virginia, described her trip to Africa, including her visit at the wonderful botanical garden in Capetown. It had several Begonia areas and a breathtaking variety of plants. In Nairobi she saw some giant begonias; one with small green leaves, pink/red stems and masses of pink flowers. It was in a tub outside and measured over five feet across, about 2½ feet high.

Grant McGregor, Canada, read recently in a German journal of an experiment with Rex Begonias. Grown under different day lengths they found that with 12 hours or more at temperatures of 50-77 degrees they grew stronger at the higher temperatures.

Grant put a cutting and a leaf of *B. lubbersii* into vermiculite at the same time. The cutting came on nicely but the leaf remained green and fresh. Recently, he noted a small leaf coming presumably from the base of the leaf petiole.

Virginia Hanson of California does not use hormone rooting powders for Begonia cuttings but she does soak the stem ends of all cut-

tings (a minimum of one hour) in a mixture of 1 cup distilled water and 1/2 tablespoon of Ortho-Upstart. She imagines any product for use in transplanting would work as well. This seems to feed the cutting and give much stronger plants. She has measured the liquid very carefully before and after soaking and it is amazing how much soaks into the cuttings.

Ruth Stanley of Ohio uses clear plastic shoe boxes, putting a moist paper towel in the bottom for cuts of Begonia leaves with a good vein, not larger than one inch for disc cuttings. When the tiny plant is less than 1/2" high, she plants in sterile soil. She prefers other methods of rooting for most cuttings but likes the small plants from disc cuttings for terrariums.

Mary Hall, Texas, always seems to plant too many seeds when using seed pans or flats so she has been using styrofoam egg cartons, punching a hole in each section then filling with milled sphagnum and planting a small amount of seed in each one. She cuts the tops of the cartons into strips for labels, which are easily written on with a ballpoint pen. These cartons fit exactly into the plastic breadboxes she uses as miniature greenhouses for starting seeds, with drainage material under cartons to prevent their standing in water. She uses the egg cartons also for the first transplanting. She recommends using boiling or very hot water to dampen the sphagnum or soilless mixes, as it dampens mix much easier than tap water.

Diana Raybon of New York also does some recycling of her own, using the plastic meat trays for the

first transplanting. She uses the 1 1/2" deep trays filled with mix for the plants, punching holes in the bottom for drainage, and uses the 1/2" ones for saucers. Plants stay there until they are ready for 3" pots.

Ruth Randolph, Virginia, made a box using light bulbs for heat, to germinate her seed. She finds three 25 watt bulbs keep the box about 70°. The box is 30" × 12" × 6". She covered her seed flats with plastic wrap until seed germinates.

Lily Backen, Minnesota, finds that three tablespoons of epsom salts in one gallon of water will prevent mildew if sprayed early before mildew has started.

Deena Weintraub, New York, says that spring has brought a great improvement to her windowsill Begonia collection. The miniatures are coming out of their coma and beginning to throw up some small new leaves. She's been giving her firmer-leaved Begonias baths with warm soapy water, rinsing with plain water, and they seem to enjoy it.

Rosetta White, Kansas, is going to try her luck at making individual terrariums for her plants out of window glass, available locally in various sizes, quite reasonable in price. She plans to cement the sides with waterproof glass cement, reinforcing it with waterproof tape. For a 10" × 12" terrarium, the cost for the five windowpanes would be 2.00.

Arline Peck of Rhode Island told how she gets her Rexes to grow very large: she takes a Rex of good shape and growth from center and, as it enlarges, she repots so as to keep it growing. If one can keep the size to the plant for the second year, one is

(Continued on Page 141)

THROUGH THE LOOKING GLASS . . .

By Paul Riviere

President, San Francisco Flower Show, Inc.

Past President and Member, San Francisco Branch, A.B.S.

As you step through the doors of the Hall of Flowers in San Francisco's Golden Gate Park you will find yourself in an enchanting world of flowers. Flowers of all sizes, shapes, colors and forms will dazzle you from every direction. In keeping with this year's theme of "Alice in Wonderland" the Hall of Flowers will be transformed into a magical garden such as Alice found when she stepped through the looking glass. Overhead a "Sky of Flowers" composed of breathtaking baskets of Fuchsias and Begonias will delight you. Step through another door and be confronted by exotic Orchids and Bromeliads gathered from far and romantic places. Begonias of every size, shape and color will flaunt themselves. Strolling minstrels will entertain you with their delightful and whimsical manners and songs. A forest glen filled with all sorts of wild flowers and plants will surprise you with their beauty and tempt your palate when you learn that they are edible. All of this will be part of the annual San Francisco County Fair and Flower Show which is put on by the 21 Bay Area Garden Societies known as San Francisco Flower Show, Inc. It will be held this year from August 23 through August 26.

The County Fair officially opens on Thursday evening, August 23 at 6:00 P.M. with a gala preview to be sponsored this year by JACKIE. This organization is prominent in the field of foster home placement of children.

The San Francisco Branch of the A.B.S. always puts in a beautiful display of Begonias of all types and this year will be no exception. In addition, many exciting extra events are planned by the Branch to entertain all visiting Begonians and especially those members of the "Begonia Caravan West to California" group coming from the East.

As President of San Francisco Flower Show, Inc., I extend my personal invitation to come see our show and our beautiful city.

PUBLICATION NOTICE

All material for publication — articles, notices, photographs — should be sent to the Editor, preferably five weeks before date of publication. Deadline is the first of the month preceding month of publication.

Advertising copy and inquiries should be sent to the Advertising Manager.

GRO-LUX LAMPS—BLACK LIGHT

All sizes of lamps and fixtures for residence or business.

FLUORESCENT TUBE SERVICE

13107 S. Broadway, Los Angeles, Calif. 90061

Phone (213) 321-6900

Palos Verdes

Begonia
Farm

4111 - 242nd St., Waleria, Ca. 90505

TUBEROUS BEGONIAS

COMPLETE SELECTION OF BEGONIAS
AND SHADE PLANTS

FUCHSIAS—CAMELLIAS—FERNS

OPEN DAILY

*Complete Nursery & Garden Supply Shop
1 1/2 Miles E. of Redondo Beach
Hi-Way 101*

LEARNING IN SANTA BARBARA

By Margaret Ziesenhenne

Four experts in growing shade-loving plants, all past presidents of the Santa Barbara Branch of the American Begonia Society, gave demonstrations and talks about their specialties to members and guests of the branch in April.

Late summer is the favored time of bloom for cane-like begonias, according to Mrs. Kem Weber who brought two plants to show proper spring care. Designated "cane-like" because they resemble the classic cane of a bamboo, these begonias have tall, straight stems, some long, some short-jointed. Their care, Mrs. Weber showed, includes an annual trimming-out of old stems, cutting them to the ground to allow the sturdy, new growth to proceed unimpeded. Mrs. Weber first cut two old stems, leafless except at the tip, of *Begonia zebrina*, a species which attains about three feet in height, with white blossoms drooping from the stems in late summer if properly trimmed and repotted now, and watered and fed in the intervening months. After trimming another cane-like begonia which blooms red, Mrs. Weber placed the green tips of the trimmings in plastic bags for the branch plant table.

Mrs. Otto Schwerdtfeger, a veteran grower from Hope Ranch, demonstrated the grooming and repotting of a very root-bound maidenhair fern (*Adiantum*) by first trimming out old fronds and then cutting about two inches off of the bottom of the soil ball. Using her fingers to break away three individual plants, she advised that they should

be placed in separate pots, setting the plants high enough so that the new growth among the old stems is not buried. Placing the three plants in plastic bags for distribution on the plant table, Mrs. Schwerdtfeger suggested the addition of a small quantity of water to keep the plants fresh until repotted, when a continued moist condition of the woody soil medium is essential for proper growth.

A large *Nephrolepis exaltata* cv. 'Whitmanni' (Boston Fern) with many yellowing fronds was next divided by Mrs. Schwerdtfeger. She said this plant also required good drainage as the little runners at the roots require oxygen for proper growth. She trimmed out the old fronds from last year so they would not take the nourishment from the roots disturbed by dividing and repotting. Fertilizing of either type of fern should be delayed until the plant has recovered from repotting shock, Mrs. Schwerdtfeger said; she recommended the use of a solution of blood or fish meal on an established plant, using only according to directions as a too heavy feeding can kill a fern.

Mrs. Barbara Rowe Philip demonstrated the division and repotting of a colorful red-leaved Rex begonia in which she has for years specialized, developing new colors and patterns in the leaves. Her first step was to cut off old leaves and then gently divide the rhizome into three plants. Trimming the old rhizome, Mrs. Philip touched each cut with powdered sulphur. Making a mound of

woody soil in a six-inch pot, she spread the roots over it and then filled the pot almost to the top, allowing for sinkage after watering to provide a basin for subsequent waterings. She emphasized that Rexes also require good drainage but are most happy in redwood boxes. She fertilizes her Rexes sparingly as an overdose will distort the leaves. If one is unable to repot an older Rex, a "shot" of fish emulsion in proper proportions to water will quickly rehabilitate it.

Charles Felkins told of his desire to bring color to the northside of his home in Goleta and ordered hanging tuberous begonias from Vetterle and Reinelt in Capitola, a firm which went out of business about seven years ago. Outlining the work done by Frank Reinelt in improving the tuberous begonia by careful selection, he gave a brief history of the veteran breeder who now resides in Santa Barbara.

Felkins used a mixture of two-thirds leaf mold and one part sand in his potting soil, though the sand contributed little but weight to the mixture. He buries his tuber about an inch, rotating the basket so that all sides will develop evenly. He recommended a regular program of liquid fertilizing, using a balanced type until the plants bloom and then using a low nitrogen fertilizer which results in dark-green foliage.

Seedling tuberous begonias are as good as tubers, Felkins emphasized, if the latter are not available. It is wise to leave the seedling tuber in the same pot for two years when it should be repotted as it starts to grow in about February or March.

He cautioned that tuberous begonias should be watered at the end of their growing season until the stem comes loose naturally so that the tuber will be fully matured.

ROUND ROBIN

(Continued from Page 138)

most apt to get a large plant in the future. When spring starts to approach and the plant starts to sprout from the bottom (of course, the old foliage is beginning to fade), she will take off a leaf now and then and if it is still good, she propagates to share with others. When she thinks they aren't growing fast enough, she sprays with a foliar plant food, which she says causes them to jump into the air!

If you don't belong to one or more robins, you are missing many good hints like these! Write and tell me how you grow your Begonias and which type you prefer when you want to join in our fun.

Mrs. Mae Blanton
Round Robin Director
Rt. 4, Box 159A
Lewisville, Texas 75067

NEWEST AFRICAN VIOLETS

Including Miniatures
Also BEGONIAS, EPISICIAS
and COLUMNEAS

List 10c

IRENE'S HOBBY FLORAL SHOP
Route 1, Niangua, Missouri 65713

"Schultz-Instant"
LIQUID PLANT FOOD 10-15-10
7 DROPS to a quart of water
"starts and feeds" all plants
Available at your store

or send \$1.25 for 2 bottles, prepaid to
SCHULTZ COMPANY
11730 NORTHLINE, ST. LOUIS, MO. 63042

BRANCH DIRECTORY

VISITORS ARE ALWAYS WELCOME AT THESE MEETINGS

BUXTON BRANCH

3rd Saturday, Homes of Members
Mrs. F. N. Sinex
34 Thackery Rd., Wellesley, Mass. 02181

CONNECTICUT BRANCH

4th Sunday of each month
Mrs. Priscella Beck, Secy.
R D No. 1, Box 121,
Mystic, Conn. 06355

DALLAS COUNTY, TEXAS, BRANCH

3rd Monday, 10 a.m., Members' Homes
Mrs. George W. Hopkins, Secy.
1619 S. Beckley Ave., Dallas, Texas 75224

EAST BAY BRANCH

2nd Thursday, 7:45 p.m., Willard School
Telegraph at Stuart, Berkeley, Calif.
Miss Carol E. Orpin, Secy.
428 Norvell Street
El Cerrito, Calif. 94530

EASTSIDE BRANCH

4th Wednesday, 7:30 p.m.
590 116th Avenue N.E., Bellevue, Washington
Diane McElroy
9010 209th Ave., N.E., Redmond, Wash. 98052

EL MONTE COMMUNITY BRANCH

3rd Friday, Members' Homes
Mrs. Gladys Máttukat, Secy.
1801 Azalea Drive, Alhambra, Calif. 91801

FOOTHILL BRANCH

3rd Friday, 8:00 p.m.
First Methodist Church, Marshall Hall
3205 D Street, La Verne, Calif.
Mrs. Marie Schmidt, Secy.
1296 Prospect
Pomona, Calif. 91766

FORT, ELSA BRANCH

1st Saturday, 1:00 p.m.
Miss Lola Price, Secy.
628 Beach Ave., Laurel Springs, N.J. 08044

GLENDALE BRANCH

2nd Tuesday, 8:00 p.m.
Glendale Federal Savings, 401 N. Brand
Mrs. Katharine Alberti, Secy.
3322 Troy Drive, Hollywood, Calif. 90068

GREATER BATON ROUGE BRANCH

Mrs. John H. McKay, Secy.
5116 Baton Rouge Ave., Baton Rouge, La. 70805

HOUSTON TEXAS BRANCH

2nd Friday, 10:00 a.m.
Garden Center, 1500 Herman Drive
Mrs. B. A. Russell, Secy.
5926 Jackwood, Houston, Texas 77036

KNICKERBOCKER BRANCH

2nd Tuesday, 7:30 p.m.
Horticultural Society of N.Y.
128 West 58th St., New York
Miss Margaret Huger, Secy.
505 East 82nd St.
New York, N.Y. 10028

LONG BEACH PARENT CHAPTER

3rd Sunday, 1:30 p.m.
Great Western Savings and Loan Bldg.
6300 East Spring St., Long Beach, Calif.
Eva Johnson, Secy
704 E. San Antonio Dr., #3, Long Beach, Ca. 90807

LONG ISLAND BRANCH

2nd Wednesday, 8:00 p.m.
Planting Fields Arboretum
Oyster Bay, Long Island, N.Y.
Annette W. Boree, Sec'y
8 Brown Road, Great Neck, N.Y. 11024

LOUISIANA CAPITAL BRANCH

1st Friday, Sear's Garden Center
6201 Florida St., Baton Rouge
Mrs. Johnnie L. Tanner, Secy.
1962 Cederdale, Baton Rouge, La. 70808

MESQUITE BRANCH

Mrs. Billie Lyles, Secy.
928 Calle Reale, Mesquite, Texas 75149

MIAMI BRANCH

4th Tuesday, 8:00 p.m.
Simpson Memorial Garden Center
55 South West 17th Road, Miami, Florida
Rosamond Meriwether, Secretary
1552 Placentia Ave., Coral Gables, Florida 33134

MISSOURI BRANCH

3rd Friday, 11 a.m., Member's Homes
Kansas City, Mo.
Mrs. Glenn Lucas, Secy.
Kansas City, Mo. 64109

MONTEREY BAY AREA BRANCH

4th Wednesday, 8:00 p.m.
Lighthouse and Dickman Sts., New Monterey, Calif.
Mrs. Esther Eberle, Secretary
240 Grove Acres, Pacific Grove, Ca. 93950

NORTH LONG BEACH BRANCH

2nd Friday, 7:30 P.M., 5535 Stearns, Long Beach,
Glendale Federal Savings and Loan Bldg.
Barbara Welty, Secy.
4741 Hazelbrook
Long Beach, Calif. 90808

ORANGE COUNTY BRANCH

2nd Thursday, 7:30 p.m.
First Christian Church,
1130 E. Walnut Street, Orange, California
Dorothy Porter, Secy.
19151 Lomita, Orange, Ca. 92667

PHILOBEGONIA BRANCH

2nd Friday, Members' Homes
Mrs. Anne Stiles, Secy.
East Delaware Trail, R.D. No. 2, Medford, N.J. 08055

PORTLAND BRANCH

Mrs. R. D. Morrison, President
5305 S.W. Hamilton St., Portland, Oregon 97221

REDONDO AREA BRANCH

4th Friday, 7:30 p.m.
R. H. Dana School Cafetorium
135th St. and Aviation Blvd., Hawthorne, Calif.
Mrs. Juanita Spunaugle, Secy.
4248 Mentone Ave.
Culver City, Ca. 90230

RHODE ISLAND BRANCH

1st Saturday, Homes of Members
Miss Marcella Flynn, Secy.
7 Fairfield Ave., East Providence, Rhode Island 02914

ROBINSON, ALFRED D. BRANCH

2nd Tuesday, 10:30 A.M. Homes of Members
Mrs. Frances King, Secretary
3327 - 28th St., San Diego 92104

RUBIDOUX BRANCH

4th Thursday, 7:30 p.m., West Riverside Memorial Hall
4393 Riverview Drive Rubidoux, Ca.
Dorothy Ansevics, Sec./Treas.
4063 Opal St. Riverside, Ca. 92509

SACRAMENTO BRANCH

3rd Tuesday, 8:00 p.m., Garden Center
3300 McKinley Blvd., Sacramento, Calif.
Mrs. Dora Hale, Secy.
9770 Carmencita Ave.
Sacramento, Ca. 95823

SALINE COUNTY BRANCH OF KANSAS

4th Monday, 2:00 p.m., Homes of Members
Mrs. George Smith, Secy.
916 Park St., Salina, Kansas 67401

SAN FRANCISCO BRANCH

1st Wednesday, 8:00 p.m., Garden Center
Golden Gate Park, 9th Avenue and Lincoln Way
Mrs. H. C. Banks, Secy.
1279 35th Ave., San Francisco, Ca. 94122

SAN GABRIEL VALLEY BRANCH

2nd Friday, 8:00 p.m.
Los Angeles State and County Arboretum
501 N. Baldwin Ave., Arcadia, Calif.
Mrs. Alice Broadhag, Secy.
9619 Broadway, Temple City, Ca. 91780

SAN MIGUEL BRANCH

2nd Wednesday, 8:00 P.M., Porter Hall
University & La Mesa Blvd., La Mesa
Mrs. George Bayse, Sr., Secy.
2347 Langmuir St., San Diego, Calif. 92111

SANTA BARBARA BRANCH

2nd Thursday, 7:30 p.m.
Santa Barbara Museum of Natural History
2559 Puesta Del Sol
Miss Gladys M. Grant, Secy.
460 Mountain Dr., Santa Barbara, Calif. 93103

SANTA CLARA VALLEY BRANCH

4th Thursday, 8:00 p.m.
Northern Calif. S & L Assn.
10250 South Sunnyvale-Saratoga Rd.
Cupertino, Ca.
Mrs. Elizabeth K. Sayers, Secy.
369 Ridge Vista Ave., San Jose, Ca. 95127

SEATTLE BRANCH

3rd Tuesday, 7:00 P.M.
Bethany Lutheran Church, 7400 Woodlawn Ave. N.E.
Mrs. Ray Hodgkinson, Secy.
11257 Evanston Ave., No. Seattle, Wash. 98133

SHEPHERD, THEODOSIA BURR BRANCH

1st Tuesday, 7:30 p.m.
Y.M.C.A. Bldg., 5200 Telegraph Rd., Ventura, Calif.
Mrs. Hattie Lee Keller, Secy.
510 E. Yucca St.
Oxnard, Calif. 93030

SMOKY VALLEY BRANCH

4th Thursday, 7:30 p.m., Members' Homes
Mrs. Henry Flaherty
606 South Third, Salina, Kansas 67401

SOUTH SEATTLE BRANCH

4th Tuesday, 7:30 p.m., Wm. Moshier Field House
430 South 156th Burien
Helen Harbord, Sec'y
17859 S.E. 196th Dr., Renton, Wash. 98055

TARRANT COUNTY BRANCH

2nd Monday, 10:00 a.m., Members' Homes
Mrs. R. M. Bennison, Secy.
Rt. 2, Box 155 Dickinson, Texas 77539

TEXASTAR BRANCH

3rd Thursday, 10 a.m., Garden Center
1500 Herman Dr., Houston, Texas
Mrs. V. O. Harman, Secy.
306 Cody, Houston, Texas 77009

WESTCHESTER BRANCH

1st Thursday, 7:30 p.m., Westchester Women's Club
8020 Alverstone St., Los Angeles, Calif.
Ramona Greb, Secy.
441 Hillside Lane, Santa Monica, Ca. 90402

WESTERN PENNSYLVANIA BRANCH

2nd Wednesday, 11:00 a.m. every other month
Pittsburg Garden Ct., 1059 Shady Ave., Pittsburg, Pa.
Mrs. Genevieve Allison, Secretary
Butler, Pennsylvania

WHITTIER BRANCH

1st Thursday, 7:30 p.m.
Palm Park Community Center
5703 South Palm Avenue, Whittier
Miss Anne Rose, Secy.
14036 Ramona Drive, Whittier, Calif. 90605

WILLIAM PENN BRANCH

4th Tuesday, Noon Homes of Members
Mrs. Stuart J. Bracken, Secy.
727 Mt. Moro Rd., Villanova, Pa. 19085

CONDENSED MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF APRIL 23, 1973

The regular meeting of the Board of Directors of the American Begonia Society was held on April 23, 1973, in the South Gate Auditorium. After the usual opening ceremonies, fifteen officers and seven branch representatives answered roll call. The Minutes of the March meeting were read and approved.

The Treasurer reported receipts \$1,351.04; disbursements \$984.55; balance on hand as of April 18, 1973, \$4,168.17. Membership Secretary reported 120 new members; 168 renewals; total membership 2766; membership last year 2006; funds received and deposited \$1,168.86; expenses \$28.08. Circulation Manager reported 2954 Begonians dispersed; mailing expense \$64.05.

Advertising Manager reported receipts \$76.35; unpaid accounts \$32.50. The Nomenclature Director reported he had received word from the Horticultural Department that 26 begonias were on their way from New Guinea to be identified. The Parliamentarian reported several suggestions are under discussion by the committee to up-date the standing rules of procedure.

The report of the Research Director was read. A young botanist at Colorado College is planning to go to New Guinea with Prof. Barkley to study Begonias and has asked for a grant of \$400.00. There is approximately \$270.00 in the Research Fund. A motion was made and passed to send \$130.00 to the Research Fund to help in this project.

The report of the Round Robin Director was read. Seven flights came through; 3 "lost" flights were re-started; 1 new flight launched. The Slide Librarian reported one request filled for a slide program. Public Relations Director reported on correspondence with several branches.

Mr. Wagner reported he had been working with the University at Fullerton on possible arrangements to do the cumulative index by computer. He has not been successful as yet but will continue to work on it. The secretary was instructed to procure a post office box for the ballots. After the usual branch reports, the meeting adjourned at 9:30 P.M.

Irene Grannell, secretary

ANDERSON'S GREENHOUSE

Rex and Rhizomatous Begonias
200 Named Varieties
Terrariums and Supplies
Open 9-5 except Thursdays
Open Weekends

JOHN ANDERSON

Box 712, Phillipsport, N. Y. 12769

SECOND CLASS MAIL
American Begonia Society
10331 South Colima Road
Whittier, California 90604

Gloxinias—African Violets—Begonias
Varieties which thrive under
fluorescent light
New Catalog—25c

KARTUZ GREENHOUSES
Dept. B—92 Chestnut Street
Wilmington, Massachusetts 01887

ANTONELLI BROTHERS

2545 Capitola Road
SANTA CRUZ, CALIFORNIA 95060
36-page color catalog 25 cents

BEGONIAS

Rhizomatous — Rex — Cane
including *B. versicolor*
and many varieties for bowls.

Retail only — price list 10¢

MRS. ROSETTA WHITE
1602 N.W. Third St., Abilene, Kansas 67410

AFRICAN VIOLETS - BEGONIAS - EPISCIAS

Fresh-cut Violet Leaves — 25¢

Episcia Stolens — 30¢

Begonia Cuttings — 40¢

Free descriptive price list

WILSON'S GREENHOUSE
OZARK, MISSOURI 65721

BEGONIAS & PLATYGERIUMS

REX BEGONIA SEED — \$1.00 per pkt.

RUDOLF ZIESENHENNE

1130 North Milas Street
SANTA BARBARA, CALIFORNIA 93103

GREEN HILLS NURSERY

Exotic & Hardy Ferns

Open Saturdays and Sundays

10 a.m. to 4 p.m. or by appointment

2131 Vallejo Street St. Helena, Calif. 94574

Mrs. E. Bolduc

SPOONIT

FLOWER FOOD

Send Post Card for Information and Sample

PLANTSMITH

Box 818 Palo Alto, Calif. 94302

BEGONIAS, GERANIUMS, EXOTICS
FERNS, OXALIS, CACTI, HERBS

Catalog with color — \$1.00

LOGEE'S GREENHOUSES

(Est. 1892)

55 North Street, Danielson, Connecticut 06239

LOWE'S NURSERY

Rex, Rhizomatous, Angel Wing, Miniatures
and other odd and rare Begonias including
many new hybrids and species.

BROMELIADS and ORCHIDS

Call for appointment before visiting nursery.
Closed Sundays, Holidays. Tele. 305-248-6608.
Wholesale and Retail. New price list 10¢
23045 S. W. 123 Rd., Goulds, Fla. 33170

VETTERLE'S BEGONIA GARDENS

*Pacific Strain
Tuberous Begonias
Delphinium and Primrose*

P. O. Box 1246
Watsonville, Calif. 95076
Catalog on Request 25¢