

The BEGONIAN



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Devoted to the Sheltered Garden

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GENERAL OFFICES

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

ACROSS THE PRESIDENT'S DESK

I know that serving as president of the American Begonia Society will be a privilege, a challenge, and an experience. As your president I would like to bring to view a few aims of the Society.

One of the aims is to bring into friendly contact all who love and grow begonias. Notice the phrase 'friendly contact.' This not only pertains to our members but to all the people we reach through the society. Whatever work must be done should be executed for the betterment of the society, not the betterment of the individual. We are here to encourage the introduction, development, and distribution of begonias and other shade-loving plants, not the selling and buying of them.

If everyone would only follow the aims and purposes that make the foundation, then I'm sure that this year will be a prosperous one for me as well as the entire society.

John W. Provine

BEGONIA EUNICE GRAY

By Irene S. Nuss

President of Westchester Branch

B. Eunice Gray is one of my earliest attempts in hybridizing using two species. Being very new in this field and a member of the American Begonia Society for only four years, my collection of begonia species at that time was very limited. As a beginner I found many of the hybrids easy to grow and readily available while some of the species were more demanding and not always easy to find.

B. Eunice Gray is the result of the crossing of two species, *echinosepala*, *Regel* x *venosa*. It carries the characteristics of both plants but with real hybrid vigor. It is a

fast grower and will put out many new stems from the base making a full plant in a very short time. Even as a small plant under my growing conditions it will usually start to bloom in April and continue through December. It is an easy plant to grow, doesn't seem to be bothered with mildew or insects. Requires no special care and will grow in any good begonia mix. Feed as you
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COVER PICTURE

B. 'Eunice Gray'. Hybridized by Irene Nuss. Grown by Wanda Elin. Winner of 1972 Alfred D. Robinson Medal.

Photo by Gene and Nettie Daniels.

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* and companion plants;

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*.

40th ABS ANNUAL SHOW AND CONVENTION OBSERVATIONS

By Ruth Pease

All plans discussed and prepared for a year became a reality early Thursday morning, August 31, when the 40th ABS Annual Show was set up. Walter Pease with the help of several this year could be seen scurrying around setting up the redwood racks for hanging containers, moving tables according to his well thought-out plan, and placing entries that began coming in at nine in the morning. Walter and his helpers worked until eleven that night and he returned Friday morning to complete the job of placement before judging began. Entries in New Begonia Introductions were moved to a more auspicious location, the Novice Division was located in a place seemingly made for it; shade plants found themselves nicely displayed in an attractive setting and beautifully grown Begonias could be seen in all their glory throughout the show.

Forty-three exhibitors brought 219 plants to the show from areas such as Riverside, San Leandro, San Diego, Ventura, San Gabriel, Westchester, Whittier, Orange, Fullerton, Long Beach, Bakersfield, South El Monte, Glendale, Arcadia, Camarillo and Norwalk.

Registration and classification of entries were taken care of by Mabel Anderson, Virginia Boyer, Katharine Alberti, Carol Pease, Cecelia (Tootie) Grivich and Ruth Pease.

After a last-minute briefing by this reporter Friday morning, judges and clerks went to their assignments and efficiently completed judging before lunchtime—a first! All had time afterwards to relax and visit with each

other while enjoying the luncheon prepared and served by Katharine Alberti and members of the Glendale Branch.

Seven judges were selected to determine THE Best Begonia in Show and seven votes were cast, unanimously, for B. 'Madame Queen' exhibited by Glenda Elin of Riverside. The plant was beautifully grown in a 16" square redwood container.

After lunch, tallying of scoring cards and trophy sheets was completed by Tootie, Hazel Snodgrass and Ruth. The trophies then were placed next to winning entries by Tootie and John Provine.

Several members of the Glendale Branch, including Lucy Taliaferrow, Burnell Yarick, and Irene Grannell worked at getting publicity into the magazines and local newspapers and on radio, and this, together with Gene Daniels' photographs and articles in the Sunday Times Home Section resulted in many attending the show. The Mayor of Glendale proclaimed the week to be Begonia Week in Glendale.

Interest in buying Begonias at the plant sales tables was phenomenal. Gene, and his crew manning the ABS plant sales table, sold out at three Sunday afternoon. They were literally knee-deep in people buying Begonias. The commercial plant sales table was still going strong at closing time as was the booth where Wanda Elin and Ronnie Nevins sold glass bubbles and plastic astrodomes as well as plants such as B. *rajah*, *versicolor*, *prismatocarpa*, 'Wanda', *ficolora* and *Sinningias pusilla* and 'White Sprite'.



Hazel Snodgrass and
Artist Alice Clark



The Educational Display



Some of the Plants on Exhibit



Walt Hansen and Gene Daniels
carrying prize-winning 'Alto-Scharff'
out of Walt's garden. Oops—Gene
got behind the plant as photo was
taken.

This year's show was culturally beautiful as well as interesting. All plants were well-grown, well-groomed, quality specimen plants. It is difficult to recall all of the Begonias entered but some remain in my mind: a basketed B. 'Paul Bee' entered by fourteen year old Diane Elin in the Student Division; *listida*, *boweri nigramarga*, 'Medora', 'Carousel' and others entered by Novice Growers.

Other entries included *hidalgensis* (*dayii*) with perfect foliage and blooms to match, exhibited by Paul and Marge Lee; an 'Aries' grown in and mounding evenly over an eight inch container, exhibited by John Eckstrand; an 'Alto Scharff' grown by Walt Hansen and carried in by two men; a most attractive basketed 'Tom Ment' entered by Alan Foster; a stunning basketed 'Aquamarine' entered by Tootie Grivich, Dr. William Ireton's perfect 'Kallaking'; a new and interesting hybrid of Chester Nave's called 'Bowtique'; a *dregei-olbia* cross originated by Thelma O'Reilly and entered by Wally Wagner; Walter Pease's *pearcei* (many asked where to get this Begonia); 'Rose' (Hazel's Front Porch) trained into a tree by J. O. Gilden—a head of green foliage with an abundance of pink blooms; 'Green Petticoats', a basketed fern was perfection; and in the other shade plant division we saw a most attractive Hoya with valentine-shaped leaves and a Bromeliad *caput medusae* blooming just in time for the show.

Standing out so that everyone could see it from anywhere in the show was a new tuberous hybrid of Gene Daniels, B. 'Ethel Reid'. It

was an eye-catcher. This plant had vivid ruffled single blooms up and down the entire plant. The blooms were probably five to six inches across.

Members of the ABS and the public visiting the show said the show was beautifully arranged so that each and every entry could easily be seen and enjoyed.

The garden displays entered by the Westchester Branch, the Glendale Branch and the Long Beach Parent Chapter added much to the show. More branches should enter this division.

The educational division was entered by the Westchester Branch with a table showing how to grow cuttings and plants with the use of various enzymes and Arnie Krupnick could be seen telling anyone who even approached the exhibit about how to grow Begonias in this manner.

Another very interesting educational entry was prepared by Professor Burnell Yarick, Instructor in Botany at Glendale College. His display consisted of several tables. He was seen at any time of the day Saturday and Sunday with a crowd listening to him tell of his research and findings on watering and fertilizing using various quantities of nitrogen, potassium and phosphorus on Begonia plants and the results of his experiments. He also noted the conditions surrounding the plants with the use of a humidity gauge, temperature readings and a light intensity meter. To see this professional in action is to want to go to school again to study Botany.

Throughout the show and convention we saw and talked with ABS

members and their guests from San Miguel, Alfred D. Robinson, Santa Clara, Monterey Bay, South El Monte, Whittier, Orange County, North Long Beach, Long Beach Parent Chapter, San Francisco, Sacramento, Westchester, Glendale, San Gabriel, Theodosia Burr Shepherd, Santa Barbara, Redondo Beach, and the newly formed Rubidoux Branch in Riverside.

Friday evening, members of the San Gabriel Branch hosted the Preview of the show and graciously served cheese dips, finger sandwiches, and champagne punch.

The Preview for members and their guests was a delight and gave us all a chance to see the show and purchase plants before the show was opened to the public Saturday morning at ten.

Over 1400 actually signed the guest register and there were many more who came to the show first stopping off at the plant sales booths in the lower portion of the building.

A staghorn fern, donated by Rudy Ziesenhenne, was separated by J. O. Gilden who mounted and sold the "pups" at a profit to the ABS.

Forty-five new memberships were sold. Many others attending the show were introduced to Begonias for the first time.

The seminars were enjoyed by all who attended them. Elmer Lorenz of the Glendale Branch opened his beautiful garden for all to tour on Sunday.

Lydia Austin, ABS Librarian, sold Dr. Lyman B. Smith and Ruth Smith's new book, "Flora Illustrada Catarinense — Begoniaceas"; Brian Langdon's book, "The Tuberous Begonia"; and Ruth Pease's book, "So Say the Experts", as well as other

publications available through the ABS Library.

Chuck Richardson reported all merchandise tickets were sold. The Portland Branch won the \$100 cash award. There were many prizes donated by local nursery and greenhouse firms, as well as fertilizing companies. Bert Slatter's family donated 24 quarts of a liquid fertilizer Bert sold and distributed for many years.

The younger generation was there to help again this year. Teenagers Carol, Richard and Michael Pease were seen selling merchandise tickets throughout the show, helping with setting up the show, placement and dismantling as well. They, along with many of the younger generation (under 30's) attending the show, gave zest to the show with their interest in Begonias.

We had the pleasure of hearing Thelma O'Reilly give a talk on Mrs. Alice Clark's beautiful paintings of Begonias, many of which appeared in the Begonians in the early 1940's. There is talk these paintings may be printed and published in book form.

At the banquet on Saturday evening, Jean Kerlin held forth as Mistress of Ceremonies and, as always, had intimate knowledge of those she mentioned good-naturedly, sending forth innuendos here and there and all in good fun. She later introduced Hazel Snodgrass who, as Awards Chairman, gave out the following awards: The Eva Kenworthy Gray Award to Elda Haring (Mrs. Dorothy Marks accepted for Elda); the Herbert P. Dyckman Service Award to Everett Wright, and the Alfred D. Robinson Medal for Begonia 'Eunice Gray' originated by Irene Nuss.

Seated at the head table were several dignitaries, including two very special ladies—Mrs. Herbert P. Dyckman and Mrs. Alice Clark—both charmers. Also attending the banquet was the printer of our Begonian, Mr. Jack Bergstrom.

Alan Foster of the Whittier Branch gave the benediction and our ABS officers for the coming year were installed by Paul Riviere of the San Francisco Branch.

Once John Provine and his officers were installed, the fun began with the "Bangles" from Ventura furnishing the entertainment. Much of their material was written by their member, Elsa Anderson, with an assist here and there by other members of the Theodosia Burr Shepherd Branch. Jon Robinson, Vice President of the Branch, and an attorney, spoke eloquently for several minutes, pleading his case!

The "Bangles" were members of the branch representing different Begonias. They stood behind props resembling clay colored pots and gossiped about Sir Percy, Madame Queen, Ricky Minter, what went on

on Hazel's Front Porch. There was one slightly inebriated staghorn perched high, much as a staghorn would be in our gardens. Walt Hansen played this part to the hilt. All during the performance, friendly jibes were made about this one and that in the audience and all had a marvelous time, including the "Bangles".

All during the weekend we could see Margaret Taylor visiting here and there, working at the membership table with Membership Chairman, Mrs. Mildred LeComte, and others. John Provine, our newly installed President, seemed always to be running the full length of the building hurrying to help whenever needed.

We are grateful to Tootie Grivich for having chairmanned a well-coordinated show and to Burnell Yarick who planned the convention and banquet, Irene Grannell and her Glendale Branch for hosting, and the Hiking Club of Glendale College for co-hosting this year's very successful show and convention. See you all next year.



INSTALLATION OF 1972-73 OFFICERS

1 to r: John Provine, Wally Wagner, Charles Richardson, Irene Grannell and Walter Barnett. Also, Paul Riviere, Installing Officer.

THE 1972 AMERICAN BEGONIA SOCIETY SHOW

By Cecelia Grivich
Show Chairman

A successful show is one made possible by the outstanding performance of it's show committee. I would like to name this committee as a small token of appreciation because without them the 40th annual show would not have been the total success it was!

First of all a debt of gratitude to Burnell Yarick for helping us find the site of the Glendale College; approaching them, making the arrangements and having the Glendale College and the Glendale College Hiking Club co-host our show.

To the Glendale Branch, the most gracious of all. Preparing the Judges' luncheon, working at the tables, host and hostessing, writing the publicity; working all year to make a great show.

To the San Gabriel Valley Branch for preparing the preview. It was delicious!

To the Theodosia Burr Sheppard Branch for their very clever skit at the banquet. Thank you!

To all the Branches who entered lovely floor displays. This really puts it all together.

My committee who worked not only the weekend; but met all year to insure a good show:

Co-Chairman—President Glendale Branch: Irene Grannell

Judging Chairman: Ruth Pease

Registration & Classification: Mabel Anderson, Virginia Boyer, and Katharine Alberti

Katharine, I have to mention was

Secretary of the show committee and secured all of the prizes for the raffle.

Treasurer (Show Committee): Peggy McGrath

Placement Chairman: Walter Pease

Raffle Chairman: Chuck Richardson

Trophy Chairman: Alan Foster

Convention Chairman: Burnell Yarick

Plant Table Chairman: Gene Daniels

Bubble Demo. & Sales: Wanda Elin & Ronnie Nevins

Membership: Mildred Le Comte & Margaret Taylor

Host and Hostesses: Virginia Barnett

To Carol, Rich and Mike Pease who were invaluable to me and to the show committee helping with registration, setting up the show and selling tickets during the show.

To John Provine who helped everywhere and with everything.

To all these people who were so dependable and co-operative, I simply say Thank you and God Bless you all—For it was your work that produced the wonderful results.

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1972 - 40th ANNUAL SHOW AWARDS

DIVISION A

Edna Kort's Perpetual Trophy for Best Cane Begonia: Wanda Elin for 'Spotted Medora'

DIVISION B

Helen Bailey Memorial Perpetual Trophy for Best Shrub-Like Begonia: Walter Hanson for 'Alto-Scharff'

DIVISION C

Best Thick Stemmed Trophy: Wallace Wagner for dregei x olbia

DIVISION D

Redondo Area Perpetual Trophy for Best Semperflorens Begonia: Dr. William Ireton for 'Kallaking'

DIVISION E

John R. Williams Challenge cup for Best Rhizomatous Begonia: Glenda & Jim Elin for 'Madame Queen'

DIVISION F

Gonda Hartwell Challenge Trophy for Best Rex Begonia: Margaret and Paul Lee for 'Tahitian Sunset'

DIVISION G

Best Semi-Tuberous and Tuberous Species: John Ekstrand for 'Lulandi'

DIVISION H

No award

DIVISION I

Inglewood Branch Memorial Perpetual Trophy for Best Species Begonia: Dr. William Ireton for ulmifolia

DIVISION J

San Gabriel Valley Perpetual Trophy for Best Begonia in a Contained Atmosphere: Dorothy Porter—prismatacarpa

DIVISION K

San Miguel Branch Perpetual Trophy for Best Begonia in Cultivation 25 Years or Longer: Glenda and Jim Elin for 'Fireflush'

DIVISION L

William L. Taylor Perpetual Trophy for Best Hanging Container Begonia: Ruth and Walter Pease for

'Waltanna'

Ferd Neels Memorial Perpetual Trophy for Best Wall Pocket, Begonia: Hazel Halter for 'Flamingo'

DIVISION M

Best Novel Grown Begonia Trophy: J. O. Gilden for 'Rose' (Hazel's Front Porch)

DIVISION N

American Begonia Society Perpetual Trophy for Best New Begonia Introduction: John Ekstrand for 'Elda'

John Thieben Perpetual Award for Best New Rhizomatous Begonia Introduction: John Ekstrand for 'Elda'

DIVISION P

Theodosia Burr Shepard Perpetual Trophy for Best Begonia Grown by a Novice Grower: Margaret Ireton—boweri nigramarga

DIVISION O

Bessie Raymond Buxton Branch Perpetual Award for Best Collection of Five Begonias: John Ekstrand

DIVISION Q

Best Entry in Student Division: Jim Donwer—Terrarium

DIVISION R

Jack Bailey Memorial Cup for Best Branch Display: Westchester Branch

DIVISION S

Best Educational Display Trophy: Westchester Branch

DIVISION T

Best Begonia Photograph Trophy: Clarence Hall—'Rickey Minter'

DIVISION U

Best Planter Trophy: Donald Delano—Terrarium

DIVISION W

Arthus Strandburg Perpetual Trophy for Best Fern: Karen Porter for 'Green Petticoats'

DIVISION X

Best Shade Plant Trophy: Stephanie Swatsek—Hoya Valentine

WHAT IS IT?

At the National Show in Glendale a strange cone was placed on a table with a sign asking "What Is It?". Obviously, it must have been a conifer, but which one? Out of the hundreds that viewed this oddity five people correctly identified it as either Pine Cone or *Araucaria* along with the common name Monkey Puzzle tree. These five are:

Don Barne

6615 Yucca St.

Los Angeles, Ca. 90028

Mr. & Mrs. Roy Camblin

11050 Bryant St., Sp. 107

Yucaipa, Ca. 92399

Mrs. Jack Hadden

3459 Encinal

La Crescenta, Ca. 91214

Gary Hammer

1648 Santa Barbara Ave.

Glendale, Ca. 91208

Mrs. Hugo Hartenstein

3871 Willow Crest Ave.

North Hollywood, Ca. 91604

There was also a winner at the San Francisco flower show the prior week:

Mrs. G. Jay Carey

428 Buchnell Dr.

San Mateo, Ca. 94402

All the above have been granted a year's membership in the A.B.S.

Actually the entire botanical name of the tree is *Araucaria araucana*, which is native to Chile. But why the common name Monkey Puzzle tree? If you have ever seen it, then your questions have been answered. This plant is an arboreal oddity with heavy, spreading branches and tangled, ropelike branchlets closely set with sharp-pointed dark green leaves

that would puzzle any beastie wanting to climb it.

The Monkey Puzzle is the hardiest of the araucarias. Slow growing in youth, it eventually reaches 70-90' carrying 10-15 lb. cones that fall with a crash—definitely not a tree to sit under.

The cones displayed at San Francisco and Glendale grew on a Monkey Puzzle tree in the garden of Walter and Virginia Barnett in West Covina, Ca.

BEGONIA EUNICE GRAY

(Continued from Page 215)

would other fibrous begonias. It is best to keep it under lath with good air circulation and good light, perhaps with a southern exposure but never allowing the sun to shine directly upon the plant. Seems to be easy to propagate from tip cuttings or small side shoots from the base. It may be grown as a potted plant if staked or if left free will make a lovely basket. Will also make an excellent trellis, see photo in October 1967 Begonian.

The leaves are medium green, of heavy texture, have a smooth shiny surface with slightly serrated edge, are four to five inches long and about two inches wide positioned on one inch petioles. The leaf nodes are about two inches apart. There are small papery stipules which turn brown and remain.

The flowers are snowy-white, spicy fragrant, dichotomous positioned on six inch pedicels arising from each leaf node. The female blooms, usually eight on each stem, have five round petals with deep yellow pistillate and light green ova-

ries. The male flowers appear first, often as many as fourteen on each pedicel and consist of two large and two small petals with yellow stamens. The blooms are a showy contrast against the glossy green foliage. Unless the flowers have been pollinated the spent blossoms will fall as well as the flowers stems giving the plant a clean fresh appearance.

So far I have been unsuccessful in obtaining fertile seed from my plant, selfed or otherwise. The seed pods swell and ripen but seeds fail to germinate even though it appears to be firm and viable.

I have found it extremely fascinating to watch tiny seedlings of some cane begonias change from plain green to beautiful bronze with many silver speckles and markings. The seedlings of *echinosepala x venosa*, of which I had several hundred, were all plain green, very succulent but showing no sign of *venosa* frost. Their growth rate was about the same, appeared to be almost identical as if a species. When the seedlings were about eight inches high I decided against growing them on to maturity even though they seemed different from some of my other seedling crosses. However, a friend persuaded me to grow some on to maturity before giving up on this particular cross. I am happy I relied upon her good judgement and grew several, for I might otherwise have overlooked *Begonia Eunice Gray*.

CLAYTON M. KELLY SEED FUND

No. 1—*B. rufosericae toledo*

Only species of the section *Bradea toledo*, it is a native of Meio de Serra, Sao Paulo, Brazil. Choice species covered with red 'plush' and grows to about one foot high (See photo). Will do nicely in a tall type terrarium. Price \$1.00 per pkt.

No. 2—*B. haullevilleana* — De Wild, Africa.

A peculiar trailing species from West Africa but of great Botanical interest due mainly because its peculiar fruits which are white and fleshy and as much as an inch across. See cover picture Nov. The Begonian 1968. Price \$1.00 per pkt.

No. 3—*B. pavonina* — Mayala.

A rhizomatous species with smooth, bronze-green leaves which turn peacock blue when old (hence the name). Flowers large, pinkish. Price \$1.00 per pkt.

Remarks from a member in Illinois follow:

"The *B. morelli* seeds you sent have produced plantlets. *B. pavonina* is a mystery—have you had any reports about *B. pavonina* seed success? I wish I could communicate with others who have tried them; I would like to know if their experiences have been the same as mine. The seeds germinate and then simply refuse to develop. Two or three slowly developed to the one or two infant leaf stage and then finally turned pale and disintegrated. This took place beside seedlings of *B. morelli* and others that grew without inhibitions. I am down to the last three or four seed as I never plant all of the seed you send me at once but keep a few

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against possible disaster. I wonder if there is some special condition that I am not satisfying." If any one has any constructive remarks to offer, please send to Seed Fund and they will be forwarded to our friend in Illinois.

No. 3—*B. pruinata* (Costa Rica)

White flowering rhizomatous species of the *Gireoudia* section. Smooth rounded leaves glisten as if thinly iced with silver. Price \$1.00 per pkt.

No. 4—*B. odetheiantha*

Unique *Begonia* with small purple stems. Leaves are deep green with a wavy margin. This plant is unusual in that it has long internodes and then very short nodes with three or more leaves coming out almost touching and surrounded with large whitish stipules then another long internode. The flowers are small and hang in loose clusters on pendant stems. A very unique *Begonia* from Sao Paulo, Brazil. Price \$1.00 per pkt.

No. 5—*B. liebmanni*

Good species of the rhizomatous type from Mexico. Creeping type with medium green leaves with areas of silver where the nerves divide. This *Begonia* has been used to produce such beautiful hybrids as *B. 'Silver Star'*, *B. 'Liebstar'*, *B. 'Skeezar'*, *B. 'Lyric'* and many others. Price \$1.00 per pkt.

No. 6—*B. franconis*. Mexico.

Interesting plant to the collector of species. Small, hairy, leaves small, ovate-pointed, toothed, green; flowers small, white or pink tinged in small clusters. Price 50 cents per pkt.

No. 7—*B. johnstoni*. Africa.

Tall loosely branched, with pale green leaves and red-spotted stems;



B. rufosericae toledo

pink flowers. Price 50 cents per pkt.

No. 8—*B. 'Kallaking'*

A hybrid developed by Chet Nave of California. Unusually husky, fast growing plant with the typical foliage of the Calla Lily *Begonia*, dark green lower leaves, midway on the stalk leaves with white blotches, and the top most leaves pure white, formed like small calla lilies. Flowers pinkish. Price 50 cents per pkt.

No. 9—*B. 'Charm'*

Chance seedling of the Calla Lily *Begonia*—single pink flowers, leopard-spotted leaves that turn pink in good sunlight. Price 50 cents per pkt.

**GREENHOUSE PLANTS
*Sinningia 'Doll Baby!'***

Grows to eight inch and is a cross in which *E. pussila* and *S. Eumorphia* were used. It is almost everblooming, lilac in color, with yellowish tone in throat, about one inch long and a three-quarter inch flare. Bloom is slipper type and long lasting. Price 50 cents per pkt.

X *Gloxinera 'Pink petite'*

Pink tubular bloom about three quarters of an inch long, narrow—Good pot or container plant. Price 50 cents per pkt.

Please note — A friend in New Zealand has sent fern spores from the 'Silver tree fern' Prince of Wales but does not know if they are still viable. Any one who would like to try them may do so without charge. Please enclose postage if other seed are not requested.

Please send requests for seed to:

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

ROUND ROBIN NOTES

There is a great opportunity for new friendships and good discussion of every phase of Begonia growing in the robins. Wouldn't you like to join one?

There has been much discussion of this beautiful Begonia species, *B. brevirimosa*, ('Exotica') and Mickey Meyer of Australia wants to add a little to the general opinion that it needs warmth, humidity and ample moisture. In June (which is winter there) she is watering both of her mature plants more than twice as much as other Begonias. Mickey feels that a big factor in her growing this Begonia, is that she has it growing in sphagnum. She feels that too much soil would contribute to its failure as would give too much moisture. She had a grandson in New Guinea for two years and he said you just wouldn't believe the small amount of soil between rocks the plants grow in.

Yvonne Wells of Texas has done some growing from leaves of species Begonias. She had plantlets come from leaves put down on *B. acumi-*

nata, *B. serratipetala*, *B. brevirimosa* ('Exotica'), *B. 'Rudy'*, *B. listida*, and *B. cathayana*.

Yvonne reports that she had sent *B. morelii* seed to Dr. Morel in France and he reported he had one hundred plants that had grown so fast he was sharing them.

Alice Nierenberg of Florida is experimenting with some of the Begonias usually grown in bowls or terrariums. She has two of each Begonia, one in a bowl and the other on her kitchen window sill. *B. subnummularifolia*, *B. urii*, and *violae-folia* were growing on the window sill just as well as in the bowl. Alice has prepared a cassette tape and slides of her plant hunting trip to Costa Rica early this year, it is to be used at the Mesquite Texas Branch meeting.

Arline Peck of Rhode Island reported in a flight "Growing Mounted Begonias" that her mounted *B. boweri major* and *B. herbacea* had bloomed most of the winter.

Gil Long of New York reports he considers *B. serratipetala* a stinker to grow. It grows readily from a leaf in a prop box (he always keeps one there). He has three plants at the moment (this was in June) growing under different conditions. One indoors under lights has green leaves with pink dots, another kept in full sun till noon has dark green leaves which appear a deep red with pink dots; the other under the same conditions has been left out overnight at forty degrees, no harm, same dark color. He feels it enjoys strong light, high humidity and cool nights. It is one of his favorites.

Gil received a rooted leaf of *B.*

prismatocarpa and it quickly tripled in size in a plastic cube at eight inches from the lights.

If you are interested in being a part of the great group of flight members, tell how you grow Begonias and your choice of flights. Write

Anita Sickmon
Round Robin Director
Route 2, Box 99
Cheney, Kansas 67025

We have come to the close of another year. Over sixty robins are in flight and they will soon return to discussing winter plant care. The ABS Robin Program now includes five flights on "Growing under lights", two on "Growing in bowls or terrariums", five on "Growing rex Begonias", four on "Growing mini Begonias", seven on growing "Begonias from seed", four on "Growing Begonias in a greenhouse", five on "Hybridizing Begonias and 32 flights studying various subjects and general culture.

The projects in the flights are varied. The species flight is still working on the listing of all the species they can find in literature. A hybridizing flight is studying the chromosome count of the yellow blooming Begonias and the possibility of using them in new crosses.

Propagation of Begonias has a great interest right now, with the research that is being done, members are anxious to help find answers. A new propagation flight is almost ready to be launched.

Ruth Stanley of Ohio has been doing some rooting of very small pieces of leaves by using wet paper

toweling in a container with a clear lid. She prefers a piece of a leaf with two good veins and cut into a triangular shape of less than one inch by one inch. If a grower has only a small piece of a leaf to root she finds this is a good way to root it.

Carrie Karegeannes of Virginia included a list of non-rhizomatous Begonias that have been reported by different ABS members as sending up plantlets from a leaf cutting (a leaf-stem, but heel-less cutting) or else she has succeeded in propagating them herself. Most of those on the list are hybrids and only a few are called cane Begonias: B. 'Arabelle' ('Margaritacea' x 'Lulu Bower'), B. 'Margaritacea' goes back to B. rex cv. 'Eldorado', as a grandmother. Carrie has rerooted a cutting, getting three plants the first time and two the second time. B. 'Tingley Mallet' (B. rex cv. 'Eldorado' x *incarnata purpurea*), 'Tingley' is a sister of 'Arthur Mallet', the seed-parent of 'Arabelle'. B. *incarnata* and hybrids (*incarnata* and its hybrids—such as 'Phyllomaniaca'—also sport adventitious growths). B. *hispida cucullata*—there has been one report on this one. B. *listida* and at least some hybrids; many reports of this one being easy to root from leaves. B. 'Oh No' (*olsoniae* x *listida*) is also easy to root from leaves and very pretty! B. *olsoniae* (syn. *vellozoana*) and hybrids, this species has some times been called rhizomatous, but the decision now is that it should not be included as rhizomatous—but as "thick-stemmed." B. 'Gwen Lowell' (*olsoniae* x *obscura*), Carrie has found this easy from leaf cuttings.

Her plant also has adventitious growths on the stem (hasn't seen any on the leaves) and variable flowers.

Margaret Duval of California wrote in July that she had used *B. micranthera venturii* as the pollen parent on *B. sanguinea*, *B. 'Joe Hayden'* and *B. 'Verschaffeltii'*, all seemed to be giving evidence of setting seed until she noticed that *B. 'Verschaffeltii'* had dropped the seed pods. The other two were still hanging on. Margaret is very interested in the yellow or orange blooming *Begonias* and their use in hybridizing.

As I end my term of office, I wish to thank the many members of the flights, the officers of the Round Robin Program and the officers of the A.B.S. for making this program a success. My four years as Director have been rewarding. The enthusiasm, serious interest and hard work have made the robins what they are. The flights will continue to mean very much to me. The program will move forward during the coming years under your new Director.

Join a robin! Be a part of this great part of *Begonia* growing!

Mrs. Anita Sickmon
Route 2, Box 99
Cheney, Kansas 67025

JUDGES AND CLERKS OF ANNUAL SHOW

Teams of three judges and three clerks each worked well together at this year's Annual Show and credit should be given to them for a job well done. They were:

Judges

Clerks

Team #1

Rudy Ziesenhenne	John Provine
Jean Kerlin	Chuck Richardson
Margaret Taylor	Dorothy Porter

Team #2

Thelma O'Reilly	Jim Lien
Margaret Ziesenhenne	Nettie Daniels
Elsie Joyce	Ed Bates

Team #3

Marge Lee	Lori Hansen
Lillian Steinhaus	Ronnie Nevins
Jim Somes	Doug Frost

Team #4

Paul Lee	Wanda Elin
Peggy McGrath	Walt Hansen
Ben Lueck	Lola Somes

Team #5

Alberta Logue	Aloha Hicks
Pearl Benell	Walter Barnett
Annie Lueck	Goldie Frost

Team #6

Fritz Kubisch	Irene Grannell
Vi Bruckner	Lucille Kaytis
Bill Paylen	Virginia Barnett

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B. ACETOSA

By Elda Haring

B. acetosa, a handsome species, classified as rhizomatous, with distinctive foliage and compact, was discovered by Vellozo growing in Brazil as long ago as 1827. Leaves are round, pale green, the upperside velvety and the underside being reddish with red stems. Sprays of white flowers appear in late spring or early summer.

Although this species is said to be rather difficult, it has grown most satisfactorily for the past few years under the conditions in my greenhouse which is kept at 58 to 60 degree nighttime temperatures during the winter months. I keep this begonia under a muslin canopy all year as the coloring of the leaves fades in bright sunlight. In summer the greenhouse is further shaded with a shading paste to protect my plants from the heat of the summer sun. In the east living room windows *B. acetosa* grows very satisfactorily and under fluorescent lights in the cellar although here it curls its leaves indicating that it needs additional humidity although many varieties and species of begonias and gesneriads grow well under lights with normal humidity. Those of you who provide extra humidity under lights should have no problem with *B. acetosa*.

This species must not be permitted to become bone or dust dry although it is best grown on the *dry side* particularly during the winter when it rests. Beginners should never err in the belief that "on the dry side" means keeping a begonia as dry as a cactus. Too little water is evidenced by drooping leaves, which



B. acetosa

Photo by Walter Haring

should always feel crisp to the touch. Even during the spring and summer when it is growing vigorously, over-watering will cause damage to some of the rhizomes and leaf stems. Should this occur cut off damaged growth and do not water again until young leaves show indicating that the plant has recovered from mistreatment.

In experimenting with propagating this begonia, I have found that mature leaves and rhizomes root more readily when taken in summer although they do root at any time of year. The leaves sometimes grow as large as six inches across. When using these for propagation the edges of the leaves can be trimmed to about two inches in diameter and stems shortened to two inches. When I am preparing to use rhizomes and leaves for propagation I like to put stems in water for an hour or two so that they will be crisp when inserted in the rooting medium.

The plant in the photograph has been in the same pot and soil mix for three years. In November any extra large leaves are removed and dangling rhizomes cut back to the edge of the pot. During the winter months it is kept only moist enough to prevent leaves from wilting. In spring as new growth appears it is fed twice a month with a water soluble fertilizer. It has been my experience that this begonia does better with a rather heavy soil mix of two parts loam, one part peat or compost and one part sand. In the soilless mix of two parts peat, one part vermiculite and one of perlite, I find it does not prove to be as vigorous under the conditions that exist in growing areas. Your experience might be quite different for soil mixes, the amount of light and warmth, hard or soft water vary so greatly that a begonia such as this one which grows well for me may be quite difficult for you.

WHAT IS BEGONIA 'FIREFLUSH?'

By J. Doorenbos
*Agricultural University Wageningen,
 Laboratory of Horticulture,
 The Netherlands*

There are plants which have never been a commercial success and are ignored by the horticultural literature, but yet are widely grown by amateur gardeners. Such an 'old faithful' is Begonia 'Fireflush'; one only needs to look through the indexes of *The Begonian* to see how popular it is. Nevertheless, it presents something of an enigma. It is usually classified as a rex begonia. This is obviously not true. But then, what is it?

The Buxton Check List states that the true name of B. 'Fireflush' is 'Bettina Rothschild'. According to the same source, it was bred by Rougier in 1866. The reference given is RHS, which I assumed to mean Royal Horticultural Society. This body awarded B. 'Bettina Rothschild' a First Class Certificate in 1884, but according to the accumulative index of 1935 there is no reference to the plant in its Journal.

I picked up the scent again when looking through the 1859 issue of Neubert's *Deutsches Garten Magazin*. Here I found a colored picture of *B. splendida Knerkii*, which is very similar indeed to our plant. This Begonia was produced at Berlin by Passewaldt from the cross *B. splendida* x *B. annulata*. It is stated in the text that Verschaffelt at Ghent had already made the same cross and produced a very similar hybrid. This led to a search in the Belgian literature of the time, and here I found a

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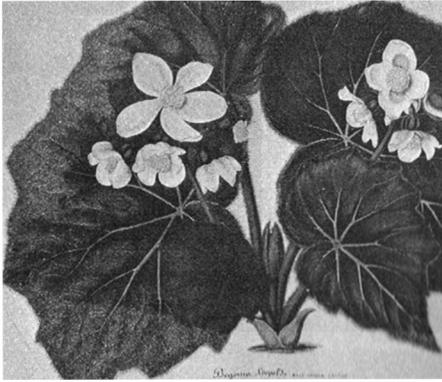


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B. 'Leopoldi'

beautiful coloured picture of Verschaffelt's plant in l'illustration Horticule of 1859. It is called *Begonia Leopoldi* and the accompanying text states that it is a hybrid of *B. griffithii* and *B. splendida*.

What are *B. annulata*, *B. griffithii* and *B. splendida*? The first is a species from India which was introduced into England in 1856. Karl Koch described it in the Berliner Allgemeine Gartenzeitung of March 1858. Two months later, Hooker described it in the Botanical Magazine as *B. griffithii*, and although this is the name by which it became generally known, the legitimate name is *B. annulata* because this has priority. *B. splendida* was introduced at about the same time, presumably from Java, and described by Koch in the same article. According to Alphonse de Candolle, *B. splendida* hort. Rollison (he does not cite Koch) is the same species as *B. robusta* Blume. Although no less an authority as Axel Lange was to doubt this later. I am inclined to agree with De Candolle. *B. robusta* has lobed leaves and a striking red tomentum on its stem and petioles; the latter characteristic (the 'fireflush') was passed on to its

hybrids. The entire leaf margin and the light concentric band come from *B. annulata*.

We now have the following picture: two Asiatic species, *B. annulata* and *B. robusta*, are introduced in or about 1856. When crossed, they give a very nice hybrid, called *B. Leopoldi* (modern spelling: *B. x leopoldii*) by Verschaffelt and *B. splendida Knerkii* by Passewaldt. So far so good, but how do we get from here to B. 'Bettina Rothschild'?

As long as no reference can be found to the origin of B. 'Bettina Rothschild' (I have looked through all issues of the Revue Horticole, but to no avail) this remains obscure. It could be that it is simply another name for Verschaffelt's plant, but the picture of the latter shows leaves that are more distinctly lobed than those of 'Bettina Rothschild'.

In this connection it may be of importance that I could establish with the help of Dr. R.A.H. Legro that 'Bettina Rothschild' has about 52 chromosomes, which means that it is almost certainly a tetraploid. It could be, that this variety arose as a tetraploid seedling or bud sport from *B. x leopoldii*, and surpassed its parent by a greater vigour, caused by the doubled number of chromosomes. This could be tested if we could get hold of the parent species and establish that *B. annulata* has 22, and *B. robusta* 30 (or perhaps 32) chromosomes, as our hypothesis would require.

In conclusion: *Begonia* 'Fireflush' is a (probably tetraploid) hybrid between *B. annulata* C. Koch and *B. robusta* Blume, and its true name is *B. x leopoldii* Verschaffelt cv. 'Bettina Rothschild'.

**CONDENSED MINUTES OF THE
ANNUAL MEETING OF THE
BOARD OF DIRECTORS
AND MEMBERS OF THE
AMERICAN BEGONIA SOCIETY
SEPTEMBER 2, 1972**

The Annual Meeting of the Board of Directors of the American Begonia Society was held on September 2, 1972 in the Library of Glendale College with a quorum of 50 members present. Mrs. Margaret Taylor presided. After the usual opening ceremonies, the minutes of the July meeting read and approved.

The Board accepted with regret a letter from the Texas State Branch announcing that they had disbanded due to lack of members.

Treasurer's report for period July 19 to August 18, 1972, receipts \$997.51; disbursements \$816.88; balance \$1,323.45. Annual report, Aug. 19, 1971 to Aug. 18, 1972, receipts \$12,473.72; disbursements \$11,937.71; balance as of August 18, 1972 \$1,323.45.

Membership Secretary's report for July 19 to August 18, 1972 new members 73; 95 renewals. Annual report, 770 new members renewals 1,431, total members this year 2,311 last year 2,196. Total funds received \$9,600.17.

Circulation Manager reported Begonians dispersed 2880; expenses \$73.90 for July 23 to Aug. 30, 1972. Annual report, total Begonians dispersed 27,307. 714 members not renewed. Advertising Manager's report for July to August 18, 1972, receipts \$62.45; unpaid accounts \$45.00. Annual report, receipts \$821.81.

The Awards Chairman reported all three awards would be given this year and would be announced at the banquet. Course Director reported the successful conclusion of the Judges class and much response from members taking the Course by correspondence.

A profit of \$58.97 was realized from the printing of the Classification Guides; and a profit of \$71.86 from the Point Scoring books. The Director was pleased with the efficient and business-like manner in which the judging was done, finishing before time. A new Judges List will be prepared soon.

Librarian reported a total of \$700.00 had been turned over to the Treasurer during the year. She has \$310.00 in the Library account.

Nomenclature Director reported 36 begonia cultivars were registered in the period Sept. 1, 1971 to Aug. 30, 1972. Original material on species and cultivars is still being collected for the two begonia catalogues. Jack Golding is correcting the names of species so that they will comply with the International Rules of Nomenclature. Priority has been given this year to

the preparation for publication of a complete list of all ABS registered begonias and a search is being made to establish the awards each has won.

Parliamentarian reported the committee to revise the bylaws will present a proposed amendment under New Business. The Research Director reported the Research Fund now down to \$122.52, after giving a grant to Rutgers University. Preliminary work has been done by Rutgers on their project and will be continued in the Fall semester.

The Show Chairman reported four displays had been entered during the year, in various shows. The Fuchsia Show display won a special award and the Fern Show display won \$50.00. Slide Librarian reported nine programs had been sent out during the year.

Public Relations Director reported two new branches have sent their By-Laws for approval by the Board; the Long Island Branch on East Coast and the Rubidoux Branch in the Riverside area. A Motion was made and passed that these By-laws be approved.

The Audit Committee reported the records of the Treasurer are in good order. Motion passed to accept this report. Ballot Counting committee reported 266 ballots received, all nominees elected.

A motion was passed to reprint 150 copies of the Point Scoring book and Classification Guide. A motion was passed to continue the Judges Course as a correspondence course, and have 100 copies printed professionally.

The committee to revise the By-Laws proposed the following amendment, to Article VI Annual dues. Section 1. The dues of annual members shall be determined by the Board of Directors of this organization at necessary intervals of not less than one year through a majority vote of the Board of Directors including proxy votes of branch representatives not present at the initiating meeting. A hand vote was taken showing 32 in favor, 8 negative and 10 abstaining. Motion carried, and the secretary instructed to send each member a ballot within 30 days.

A motion was made and passed to have the signatures of the president and secretary as alternate signatures on the various ABS accounts, in the event the treasurer should not be available.

Written reports of Branch Representatives were presented to the secretary, but not read, due to the lateness of the hour. Meeting adjourned at 4:30 p.m.

Respectfully submitted,
Irene Grannell

GERMAN LISTING OF BEGONIA X SEMPERFLORENS-CULTORUM

"Begonia x semperflorens-cultorum III. 2. Supplement for 1968-1971" by Professor Richard Maatsch, Director of the Institut fuer Zierpflanzenbau der Technischen Hochschule Hanover (Institute for Decorative Plants of the Technical University Hanover) and Gerda Nolting in *Die Gartenbauwissenschaft The German Journal of Horticultural Science* 2/1971 volume 36 (18) pages 201-204 Muenchen is a continuation of the German listing of Begonia x semperflorens-cultorum plants, mostly of German origin, although the entire European continent is represented and there are plants of George Ball (a Chicago firm). In this work 79 names are listed, including a separate listing of those having dark foliage.

In *The German Journal of Horticultural Science* 27. (9) volume, number 4, 1962 pages 399-415 Muenchen, Professor Maatsch began to tabulate the names of "Begonia x semperflorens-cultorum of 1900-1961." In this paper, which lists about 300 names including synonyms, he established the system of tabulation he has continued to use. The varietal names are listed in alphabetical order with the synonym; the height in centimeters; the hybridizer/introducer; the year; flower color occasionally using the *Horticultural Color Chart* designations; (Royal Horticultural Society); and whether or not the name is patented.

"Begonia x semperflorens-cultorum II Supplement 1961-1968" by Professor Maatsch and Gerda Nolting in *The German Journal of Horticultural Science* 34 (16) volume, number 3/1969 pages 281-285 lists an

additional 133 names. On page 285 is a crosslisting of begonia plants with dark foliage.

No retail outlets for these semperflorens cultivars are given in any of the three lists.



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- *Platyceerium Fern Facts \$4.95
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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
Grace Fisher, Secy.
770 Monroe Ave. N.E., Renton, Wash. 98055

EL MONTE COMMUNITY BRANCH

3rd Friday, Members' Homes
Mrs. Gladys Máttuket, 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.
Mr. Robert I. Wilson, Secy.
544 Fountain Drive
Mira Loma, Calif. 91752

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

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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.
Mrs. Paul E. Powell, Secy.
3031 Shakespear Dr., Los Alamitos, Calif. 90720

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 95149

MIAMI BRANCH

4th Tuesday, 8:00 p.m.
Simpson Memorial Garden Center
Mrs. Marie Evans, Secy.
610 63rd Drive, Hialeah, Florida 33012

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.
Frederick Bell, Jr., Secy.
P.O. Box 527, Pebble Beach, Calif. 93953

NORTH LONG BEACH BRANCH

1st Tuesday, 7:30 p.m.
525 Ocean Blvd., Long Beach
Barbara Welty, Secy.
4741 Hazelbrook
Long Beach, Calif. 90808

ORANGE COUNTY BRANCH

2nd Thursday, 7:30 p.m.
Lions Club, Walnut St. and Garden Grove Blvd.
Garden Grove, Calif.
Mrs. R. L. Nevins, Secy.
1913 Aspen Circle, Fullerton, Calif. 92631

PHILOBEGONIA BRANCH

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

PORTLAND BRANCH

Mrs. Lavene Jenkins, Secy.
9920 S. W. 53rd Ave., Portland, Oregon 97219

REDONDO AREA BRANCH

4th Friday, 7:30 p.m.
R. H. Dana School Cafetorium
135th St. and Aviation Blvd., Hawthorne, Calif.
Mrs. Margaret Buell, Secy.
18500 Mansel Street
Redondo Beach, Calif. 90278

RHODE ISLAND BRANCH

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

ROBINSON, ALFRED D. BRANCH

3rd Friday, 12 noon, Homes of Members
Constance D. Bower, Corr. Secy.
1609 W. Lewis St., San Diego, Calif. 92103

SACRAMENTO BRANCH

3rd Tuesday, 8:00 p.m., Garden Center
3300 McKinley Blvd., Sacramento, Calif.
Mrs. Betty Tillotson, Secy.
3912 Wildrose Way
Sacramento, Calif. 95826

SALINE COUNTY BRANCH OF KANSAS

4th Monday, 2:00 p.m., Homes of Members
Mrs. Wayne Smith, Secy.
1823 Highland, Salina, Kansas 67401

SAN FRANCISCO BRANCH

1st Wednesday, 8:00 p.m., Garden Center
Golden Gate Park, 9th Avenue and Lincoln Way
Mrs. Louise Eby, Secy.
1137 Hillside Blvd. So. San Francisco, Calif. 94080

SAN GABRIEL VALLEY BRANCH

2nd Friday, 11:00 p.m.
 Los Angeles State and County Arboretum
 501 N. Baldwin Ave., Arcadia, Calif.
 Mabel Anderson, Secy.
 16609 Cypress St., Covina, Calif. 91722

SAN MIGUEL BRANCH

2nd Wednesday, Porter Hall, 7:30 p.m.
 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

3rd Thursday, 8 p.m.
 Member's Home
 Elisabeth Sayers, Secy.
 369 Ridge Vista Ave.
 San Jose, Calif. 95127

SEATTLE BRANCH

3rd Tuesday, 7:00 p.m.
 Calvary Lutheran Church
 7002 23rd Ave., N.W.
 Mary Sanderman, Secy.
 13045 37th N.E., Seattle, Wn. 98125

SHEPHERD, THEODOSIA BURR BRANCH

1st Tuesday, 7:30 p.m.
 Y.M.C.A. Bldg., 6200 Telegraph Rd., Ventura, Calif.
 Mrs. Bernie Crosby, Secy.
 231 Bethel St.
 Ventura, Calif. 93003

SMOKY VALLEY BRANCH

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

SOUTH SEATTLE BRANCH

4th Tuesday, 7:30 p.m., Wm. Moshler Field House
 430 South 166th Burien
 Sally Harding, Secy.
 11632 1st Ave. S., Seattle, Washington 98108

TARRANT COUNTY BRANCH

2nd Monday, 10:00 a.m., Members' Homes
 Mrs. R. M. Bennison, Secy.
 Rt. 2, Box 185 Dickinson, Texas 77530

TEXASTAR BRANCH

3rd Thursday, 10 a.m., Garden Center
 1500 Harman 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.
 Barbara Mack, Secy.
 424 Oregon St., El Segundo, Calif. 90245

WESTERN PENNSYLVANIA BRANCH

2nd Wednesday, 11:00 a.m. every other month
 Pittsburg Garden Ct., 1059 Shady Ave., Pittsburg, Pa.
 Mrs. Irano Fedlacko, Secy.
 126 Arlington Ave., Butler, Pa. 16001

WHITTIER BRANCH

1st Thursday, 7:30 p.m.
 Palm Park Community Center
 5703 South Palm Avenue, Whittier
 Miss Anne Ross, Secy.
 14030 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

CALENDAR

October 5 — Westchester Branch:
 Wally Wagner will speak on "The
 Boweri Family."

Redondo Area Branch meets at
 Dana School, 1350 Aviation Blvd.,
 Hawthorne on September 22nd, 7:30
 p.m. Alice Martin, speaker on "Con-
 tainer Planting."

October 27—6:30 p.m.—Pot Luck,
 Past President & Birthday Dinner.
 Jean Kerlin, speaker.

On October 20th Mr. Ted Hanes
 of LaVerne who is an assoc. pro-
 fessor of Biology at the State College
 in Fullerton will be the speaker at
 the Foothill branch held at the Meth-
 odist Church Marshall Hall, 3205
 "D" Street, LaVerne, Calif.

A pot luck dinner will be held at
 7 p.m. before the meeting at which
 a friendly greeting will be extended
 to all those attending.

Since we should know more about
 our surrounding desert areas Mr.
 Haise is going to tell about the
 things we miss by just driving
 through the chaparral.

North Long Beach Branch, 7:30,
 Oct. 3, 535 Ocean Blvd., Long Beach.
 Our speaker will be Prof. Burnell
 Yarick, Professor of Botany at Glen-
 dale City College. He will speak on
 Begonias and show some of his very
 interesting slides.



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