

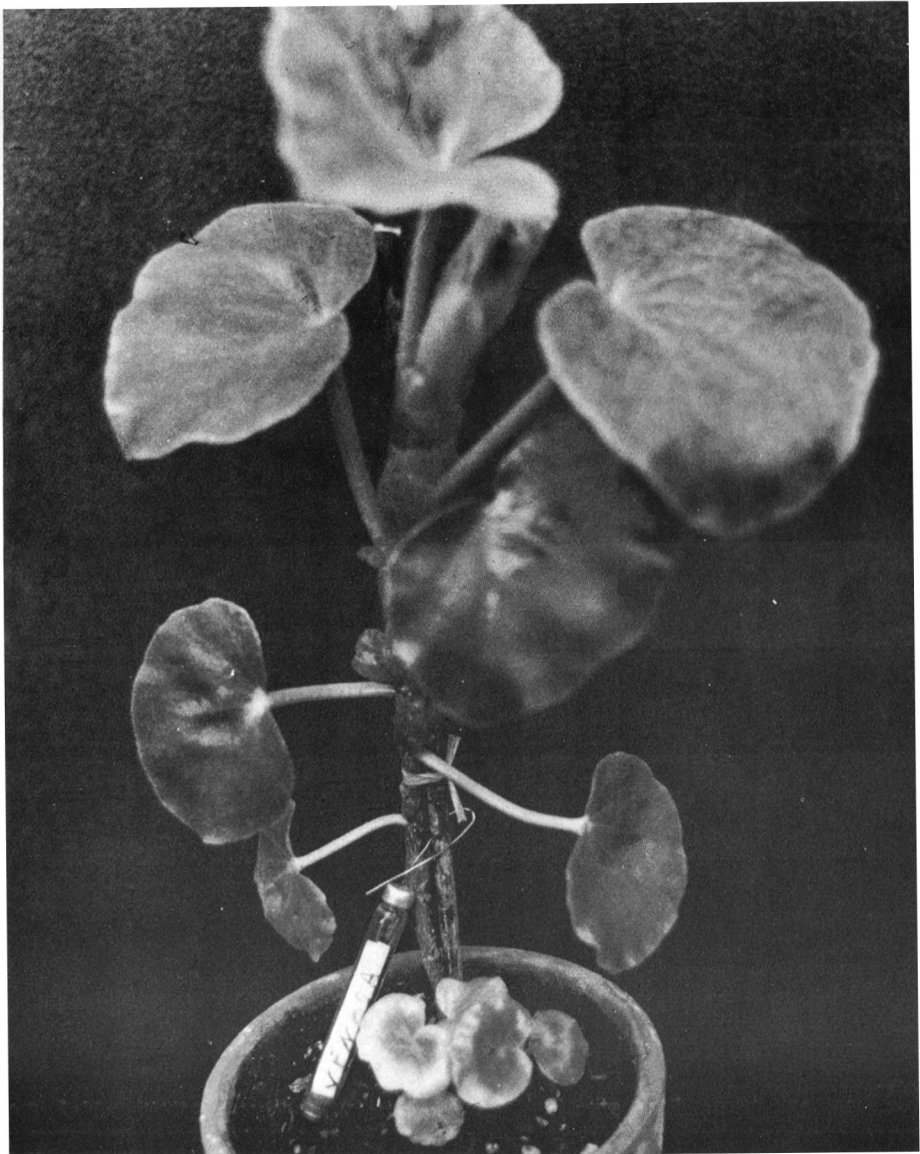
# *The Begonian*

DEVOTED TO THE SHELTERED GARDENS

AUGUST, 1963

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Advertising Manager ..... Ruby M. Budd, 6440 Will Rogers Street, Los Angeles 45, California

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### AIMS AND PURPOSES OF THE AMERICAN BEGONIA SOCIETY, INC.

The purpose of this Society shall be: to 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.

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# FLUORESCENT TUBE SHELTERS

By WILLIAM DRYSDALE

Riverside, California

One of the more unusual garden cover materials is spent fluorescent tubes. Although some home owners in Southern California have enjoyed shelters protected with these tubes for over fifteen years, their use is still considered novel. These tubes, however, are definitely worthy of consideration.

We should first dispose of those two old bugaboos, breakage and poisonous substances. Some time ago, governmental restrictions were passed prohibiting the use of poisonous elements in the manufacture of these lamps. The tubes are remarkably strong and, although they break, one is surprised that the breakage does not result oftener as one bangs them unintentionally while working with them. However, some structures over fifteen years old have still to experience breakage.

Should a person be cut by a broken tube, the wound should be washed to flush out any phosphorous which would inhibit quick healing.

The most readily available lengths are those of four and eight feet. If eight-footers are used, often they are given support at the midsection. However, this is not necessary. If support is given at the midsection, both the eight-foot and four-foot lengths may be used, if necessary, as with the creation of a "well" around a tree trunk. The tubes may be cut to any desired length with a hack saw, but the blade will be ruined. The ends of the tubes must be fitted into a casement, so that a strong underdraft does not blow them off.

Laid snugly together, the tubes will eliminate completely the harmful rays of the sun, while still producing a beneficial diffused light. An insulating shield is formed because of the vacuum encased in the tubes.

One will find temperatures varying about five to twenty-five degrees cooler in the summer and a like number in winter, depending on the intensity of the natural extreme weather. Mild climates have a lesser degree of variance.

The tubes lie eight to the foot. While they are not water-tight, if they are placed at a slight pitch of approximately twelve inches for the four-foot lengths and twenty inches for the eight-foot lengths, they will shed most of the water. In a year's time, dust and dirt have a tendency of settling between the tubes and doing a fair job of sealing them together.

The tubes should be placed in a casement so that replacement is easy to accomplish, because a few tubes, which apparently have a slightly different chemical composition, will discolor, turning yellow or blackish. These may be replaced or, if time allows, the tubes may be spread out in the sun and the few that will turn color will do so in a short time. Tubes from industrial plants are sometimes dirty but they may be cleaned by using a detergent and a sponge.

From the view of human comfort, an excellent haven from the summer sun can be created, as well as an ideal environment for such shade plants as begonias, ferns, azaleas, rhododendrons, and bromeliads. Best of all, these tubes are the most inexpensive materials one can use with any degree of permanency.

—From *The Bromeliad Society Bulletin*.

## COVER PICTURE

*Begonia venosa*, grown by Ruby Budd, of Los Angeles, California. Note the tube attached to the plant, for vital data and history.

Photo by Hertha Benjamin.

# PHYTOILLUMINATION AND BEGONIAS

By FLORENCE BURNS

Approximately six years ago when we became interested in the propagation and cultivation of African violets, we also became interested in phytoillumination, the science of growing plants indoors by lamplight.

This method of gardening is entirely different from outdoor or greenhouse gardening in that the grower, by use of lamplight, controls both the day and night effects on plants. We have learned that the growth of plants occurs in the dark, and that any disturbance of this dark or night period, merely by turning on the lights for a short period of time, will have an adverse effect. In outdoor or greenhouse gardening, nature automatically provides the correct balance of light and darkness.

Furthermore, in indoor gardening, not only must we balance the periods of light and darkness carefully, but we must also control the factors of humidity, soil mixture, watering, and fertilization. In the final analysis, we must create artificially the proper environment for the plants.

These factors, in our opinion, are the most difficult to control in order to achieve the optimum results. We must recognize the fact that what may work in one house may not work in another. As an illustration, if you heat your house with gas, the fumes may have a bad effect. Where in your house you grow your plants will also effect their growth, comparing one house to another.

We will endeavor to explain how we accomplish these balances, describing our method with all plants and, in conclusion, we will demonstrate the results of our tests with begonias, which, as you know, we have conducted for the last five months at the request of Mrs. Benjamin.

Prior to last December, we had not experimented in any way with

this species of plant. Our knowledge of the correct method of propagation and cultivation of begonias has been derived from what we have read and studied since last December and is, therefore, very limited. In fact, we do not know whether these plants meet with your standards. We are of the opinion that horticulturally they are good specimens. However, this is for you, the experts, to decide. I am reminded of the expression, "Carrying coals to New Castle."

We grow our plants in the basement of our house, which is heated by a forced hot water system, with oil as the fuel. A separate thermostat controls the heat in the basement. In the winter we try to maintain a temperature of 72 degrees during lamplight time and 65 degrees during the dark time. These temperatures are obtained in the warm weather by opening the four basement windows, with an auxiliary fan to provide the proper movement of air.

To house the plants, we constructed two wooden benches placed parallel and five feet apart, each bench nine feet long, three feet wide, and seven feet high. Each bench is divided into three shelves spaced two feet apart. On each shelf, we have four aluminum trays, or a total of twenty-four trays, each tray being thirty-six inches long, twenty-five inches wide, and two inches deep.

Suspended above each shelf of trays are two 48-inch fluorescent fixtures with reflecting white shades, each containing two lamps, or a total of twenty-four lamps. We mounted these fixtures with chains so that by manipulation we can adjust easily the distance of the plants from the lights. A distance of twelve inches has achieved the best results for us.

The fixtures are connected to a timing device which automatically controls the on and off times of the



Close-up of begonias and African violets grown under lamps.

Photos by  
Hertha Benjamin,  
Bronx, New York.



Shelves and lamps for experiment in phytoillumination

lights. Presently we have the lights on from 11 a.m. to 11 p.m. We adjust this light period, depending on the condition of the plants or before exhibiting in a show, at which time the light period is lengthened in order to produce more blossoms.

We have decided that, when purchasing any new lighting fixtures, we will select the single-lamp fixture, so that the lights can be spaced further apart. A better diffusion of light will then be obtained.

Since we started growing plants by lamplight, we have used various types of fluorescent lamps. At present we have a combination of one cool white and one warm white in some of the fixtures for this experiment, and in the balance, or the majority, we use the Sylvania Gro-Lux lamps.

We have been experimenting with the latter type of lamp for almost two years. It has been our experience that plants grown under the Gro-Lux lamps develop faster and produce stronger and larger root systems, leaf formations, and blossoms than under any other lamps we have used. We endeavored to increase the light intensity by lining one end and the top of the benches with a heavy grade aluminum insulating paper. However, this resulted in scorching the ends of the violet leaves nearest the paper. On further research, we found that a dead white background produces better results.

To provide humidity and aid the plants in obtaining water by capillary action, the trays are filled with two inches of Perlite. This sterile medium is light and porous and its whiteness reflects the light. We keep the Perlite damp at all times but never flooded with water. We also use a power spray several times a week, which casts a fine mist over the plants. During the winter we supplement these humidity aids with a large electrical humidifier.

When you use phytoillumination, every day is a sunny, warm day and,

therefore, the plants are always growing.

You all know that the basis of plant growth is the proper soil mixture or formula. Our soil mixture contains the following ingredients and their proportions: one part sterilized soil, one part horticultural peat moss, and the remaining part divided equally with Perlite and horticultural vermiculite. For each four quarts of this mixture, we add one cup of pulverized charcoal, twelve teaspoons of whiting, and one-eighth cup of 20% superphosphate.

After considerable research, we concluded that the best way to guarantee the plants sufficient fertilizer was not to incorporate any fertilizer in the soil mixture. We apply the fertilizer in liquid form and do not have to depend on the soil temperature or bacterial action for the plants to absorb the fertilizer. This theory is advanced by the University of California for all container-growth plants.

We have found also, that when propagating leaf cuttings, the horticultural vermiculite is by far the best medium.

We now come to the most difficult and important of the factors involved in his discussion. In the open ground, surplus water from rain or artificial irrigation drains through good soil and disappears in the sub-soil. We know the downward movement of the water draws air into the soil and this air, particularly the oxygen it contains, is vitally important because without it plants are unable to absorb the nutrients or even water.

In container-growth plants, overwatering causes surplus water to accumulate in the bottom of the pots and, if it is not given the means to drain away, the soil remains too wet for an extended period of time, resulting in oxygen starvation, with the final result of rotting and dying of the roots and then crown rot. Therefore, when watering, provide only an

*(Continued on Page 167)*

# Quibbling Along With

From the Texas Star Begonia Society: We are wondering where the beautiful begonias shown in *Exotica III* can be found. Begonias *Rupicola*, *Exotica* (found in New Guinea), *Auriculata*, the most beautiful *Bipinnatifida*, and *Jussicarpa*. If they can't be bought, it would be interesting for *The Begonian* to have articles on them! We want to order, if we can find them.

—Mrs. J. L. Linkenhoger, *Secretary*

Dear Mrs. Linkenhoger: Again Texas is there firstest with the mostest. My *Exotica III* is on order, but I have not been fortunate enough to have seen one yet—but you have me on edge just waiting to see these beautiful begonias. At the National Convention meeting in Ventura I checked with Rudy Ziesenhenne. He suggests you write to Mr. Alfred Byrd Graf, c/o Roehrs Company, Rutherford, New Jersey. Mr. Ziesenhenne states that most of the pictures are of plants grown in the Roehrs nursery, and the nursery could, no doubt, fill your orders—if not, certainly Mr. Byrd would be in a good position to advise you where you might find them.

Your suggestion to have articles on these begonias in *The Begonian* is well received and if it is possible to do so we certainly shall. If you Texas members beat us to this information, let us know—we'll all be interested.

E. C. of Columbus, Georgia, asks: Where can I obtain the latest information on growing under fluorescent lamps?

Dear Mr. E. C.: There have been many articles in past *Begonias* regarding growing under fluorescent lamps. However, here in California, most

growers are more and more using "Gro-Lux" fluorescent lamps. These lamps are manufactured by Sylvania and they publish an instruction manual for use of these lamps. I am sending you a copy under separate cover.

I have contacted a distributor and will have a supply of this instruction manual soon. If any member would like to have a copy, please send a self-addressed 4"x9-1/2" envelope with 10 cents postage. I will be happy to mail one. This is an eleven-page booklet with complete instructions covering not only the use of the lamps, but suggested temperature, ventilation, humidity, soil, fertilizers, water, propagation methods, seed sowing, cuttings, transplanting, pots, pests, etc. It is not commercial. It is written by Christos C. Mpelkas, Plant Physiologist.

Mrs. A. K. of Virginia asks: Does *B. evansiana*, grown as a house plant, need a rest period? It has bloomed all winter, but has set bulbils and is now shedding leaves.

Dear Mrs. A. K.: Yes, I would say so. This is the natural growing cycle of the plant—to produce blooms, then bulbils, then rest. Treat it like a dormant Rex—keep it barely moist and do not feed it.

From L. W. of Atlanta, Georgia: My mother had a begonia that I remember since I was a wee one. It was very large, with leaves twelve inches long and red to brown in color. The stems were at least a foot long and very hairy. The back sides of the leaves were deep red and the ribs were very thick. Can you tell me what the name of the begonia is and where I might locate one? (Enclosed drawing.)

*Dear Mr. L. W.:* It is difficult to be certain of this begonia. There is a possibility that it could be B. 'Thurstoni'. I believe that if you could go to your local library and check through the *Exotica*, you would, no doubt, find a picture of this begonia and you would be certain you were right. Then maybe one of us could help you locate the plant. Lots of Luck.

*Mrs. T. N. of Kansas asks:* I have a lovely plant of 'Catalina' that has bloomed and bloomed. It is green with a touch of red on the leaves. I have been told that there is another plant called 'Catalina' but that its leaves are dark red or bronze. Are there two begonias called 'Catalina'? If so, is there any place you can purchase the bronzy-red one?

*Dear Mrs. T. N.:* Yes, there are two. The one you have is called B. 'Catalina'. The dark bronzy one is called 'X Dark Catalina' and is like the one you have except for coloring. Both the leaves and stems are dark bronze. Rudolf Zieshenne lists this begonia in his list. I will send you his price list under separate cover.

Your questions about begonias will be answered if you will write to  
Bee Olson  
13715 Cordary Avenue  
Hawthorne, California

## SPHAGNUM MOSS FOR BEGONIAS

By D. Salmon  
Millicent, South Australia

I first got the idea of growing begonias in sphagnum moss some time ago from an article in *The Begonian* which told about begonias begonias being grown in sphagnum moss in the Montreal Botanic Gardens. I wrote to the Montreal Botanic Gardens to get in touch with the person who was looking after the plants, but he had died without leaving any notes.

As I have been troubled with earth worms and insects in the soil, I switched over to all moss — and with good results, so far.

My *paulensis* have been growing in the same moss since the seed was sown in January, 1962. After they had germinated, I transplanted them into soil but they just sat there, not moving, so I put them back into the moss and away they went and haven't looked back yet. They are in eight-inch pots now.

I feed with fertilizer every fourteen days. I use three different brands, only for a change, as I feel that a plant is much like a human and would like a change in food rather than have the same all the time.

Last growing season I tried several of the tuberous begonias in the moss and they grew extra well. I am anxious to see how they come up next year. Next season I intend to grow some of the named tuberous varieties in the moss.

We are in the start of winter now (June 21, 1963) and I am watching the plants which are in the moss closely. So far, they are standing the cold well. I am keeping them dryer than usual.

When a pot is light, I submerge it under the water until it starts to sink; then I lift it out and the moss has taken in enough water for several days.

One thing I did find — you grow a bigger plant in moss in a six-inch pot than you can grow in soil in the same size pot. I repotted a lot of my cane types into moss, first cleaning all soil off the roots, used the moss, and put them back into the same pots. The plants kept on growing and sent a lot of new shoots up from the base.

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PATRONIZE BEGONIAN  
ADVERTISERS

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# Clayton M. Kelly Seed Fund Flight

## No. 1 — *B. Limminghei purpurea*—

This plant was introduced in this country by Sylvia Leatherman. Elsie Frey, of Santa Barbara, has furnished seed for the Seed Fund, and gives the following description:

"*B. 'Limminghei purpurea'* is a trailing begonia, green leaves, short and roundish. The female flowers are white with purplish-red centers, similar to *B. 'Limminghei'* except for color, and have a lovely fragrance. The male flowers open well in nice clusters, followed soon by the female flowers which are the prettiest. They came in large clusters with white stigmas. The plant is vigorous and blooms over a long period of time. Seeds germinated in ten days."

The following description is from Ziesenhenné, of Santa Barbara, Calif.

"This is a new plant from Brazil. I do not find it listed in the literature. A beautiful basket plant with pure white flowers with red-orchid at the base of the petals from which the stamens arise. The flowers are fragrant and the plant blooms almost continuously. The orchid-red makes a ring around the stamen base and does not interfere with the appearance of the flower being white. One has to look closely to see the orchid color."

The following is from Edna Korts, of Los Angeles, Calif.:

"Plant brought from Brazil by Sylvia Leatherman. It has a leaf similar to *B. 'Limminghei'* — more heart-shaped and not as long. Flowers are creamy-white with a cluster of yellow stamens with pink base. Flowers are fragrant and very lovely. The plant is growing very nicely for me and will make a good basket."

These seeds are the perfect answer for all the Seed Fund patrons who have asked for a basket begonia. Seeds differ from most begonias in that they are long and round and won't roll. It has been stated that

seeds must roll in order to be fresh, but this is not always true, as all begonia seeds are not the same shape — some are hairy and others are long, such as the one offered here. Seeds are \$1.00 per packet.

## No. 2 — *B. dayi*—

Mexico. Large, thick, shiny leaves, more yellow than green, the veins heavily penciled with dark mahogany on top, dark red underneath. Flowers are ivory and fragrant. Likes to keep warm and dry. 25 cents per pkt.

## No. 3 — *B. 'Crestabruchi'*—

(*Manicata crispata* x *sunderbruchi*). Glossy yellow-green leaves heavily curled and twisted on the edges, blotched with cream. Flowers pink. 25 cents per pkt.

## No. 4 — *B. mazae*—

Mexico. Dark or stitched variety. Round, pointed, bronze-green leaves with dark stitches around the edges. Deep red underneath. Small, light pink, red-spotted flowers. Grow in a warm, protected, fairly dry place. It requires perfect drainage. 35 cents per pkt.

## No. 5 — *B. 'Leslie Lynn'*—

This is a hybrid introduced a few years ago by Doris Motschman. Strong, sturdy, rhizomatous plant with satiny, star-shaped leaves and rather large, pinkish flowers. Seeds are NOT from *B. 'Leslie Lynn'* seedling, but are from the true plant, which is a cross of *B. 'Lexington,'* a *B. dayi*. 35 cents per pkt.

## No. 6 — '*Bow-Nigra*'—

A hybrid by Della McLanahan, (*B. boweri* x *B. heracleifolia nigricans*). Star-shaped leaves of dark green with showy light green centers. Small, rhizomatous plant. 35 cents per pkt.

## No. 7 — *B. 'Ballet Girl'*—

(*Spiral rex* x *B. 'Helen Lewis'*). A silky, royal purple rex. We all know that rex begonias do not come true from seed, but we all like to grow them just for the pleasure of seeing

what we can produce. 25 cents per pkt.

**No. 8 — B. 'Orange Rubra'—**

(*B. dichroa* x *B. 'Coral Rubra'*). Clear green leaves, sometimes faintly silver-spotted, sometimes not. Ornate clusters of large, salmon-orange flowers. Nice begonia. 25 cents per pkt.

**No. 9 — B. 'Charm'—**

Chance seedling; Calla lily type. Dwarf plant with leopard-like patches of cream and gold on bright green leaves. Light pink flowers. We have collected many seeds from our own plant besides those from other sources. Our plant never stops blooming, while there are other begonias in bloom in our patio near 'Charm.' We feel that you could produce one or more plants from a package of seed. This is a magnificent plant and requires some sun or strong light to bring out the yellow spots on the leaves. It likes plenty of liquid plant food and a fair amount of water. 35 cents per pkt.

**No. 10 — B. 'Picta rosea'—**

Cane type with pink flowers. 25 cents per pkt.

**No. 11 — B. heracleifolia—**

Mexico. Robust star-leaf, available in several varieties. Pink flowers. 25 cents per pkt.

**No. 12 — B. Beazil—Mixed—**

No description or identification available. 25 cents per pkt.

**No. 13 — B. Rhizomatous—**

Leaves emerald green, 5-7 pointed, stitched with black-white hairs on edges and underneath leaves. Petioles covered with longish white hairs. Texture of leaves is very thick and smooth on top. Our plant was grown from seed that came from Florida. However, we have not come to any defin-

ite conclusion as to identification, but it is certainly an outstanding begonia. 35 cents per pkt.

**No. 14 — B. Rex hybrids—**

Still available. 50 cents per pkt.

**GREENHOUSE PLANTS**

**Saintpaulia—**

'Pink Geneva', single, pink with white edges, plain foliage x 'Green Froth', single, white with frilled edges, ruffled foliage. 50 cents per pkt.

**Saintpaulia—**

Red Sea. Fantasy bloom, compact double, red bloom. Crosses made by a member in Tacoma, Wash. 50 cents per pkt.

**Streptocarpus—**

Pink and white. 25 cents per pkt.

**Impatiens—**

Pure white x white. 25 cents per pkt.

**Gesneria cuneifolia—**

Gesneriaceae. (*Pentarrhaphia reticulata*). Low growing rosettes of leathery, glossy, grass-green, long, wedge-shaped leaves with toothed margins; and tubular, somewhat bottle-shaped flowers, burning-red, yellow inside, borne singly on short, wiry, axillary petioles. 35 cents per pkt.

**Crossandra infundibuliformis—**

Shrubby plant with glossy, ovate leaves; showy, salmon-red tubular flowers with split limb, in angled, bracted spike. Good greenhouse plant. 25 cents per pkt.

**Asparagus crispus—**

Also known as *Asparagus fern*. Climbing or drooping plant forming a tuberous rootstock, zig-zag branches, and needle-like, three-angled, laxly reflexed bright green, coarsely set. Fragrant, white flowers. Berries white or pink. Good basket plant. 25 cents per pkt.

**Polypodium meyenianum—**

Bear's Paw fern. Distinctive epiphyte with thick, paw-like rhizome, covered thickly with brown hair. The long pinnate, glossy fronds have broad barren segments on the lower part, while the upper third bears narrow,

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(South of Washington Blvd.)  
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### OTHER GENERA

#### **Daubentonia—**

Showy shrub with many clusters of coarse flowers. 25 cents per pkt.

#### **Amaryllis—**

Candy striped. 25 cents per pkt.

—MRS. FLORENCE GEE

*Seed Fund Administrator*  
234 Birch Street  
Roseville, California.

### PHYTOILLUMINATION . . .

(Continued from Page 162)

amount sufficient to penetrate to the bottom of the pots.

It is difficult to set an exact schedule for watering and this can be done only by experience. We find that some plants use more water than others, even though they are growing side by side. We water and fertilize from the top at least once a week. We hold the pots above the tray and give them water until the water seeps through the holes in the bottom of the pots. We use alternately a 5-1-1 fish emulsion and a 20-20-20 fertilizer at one-half the rate prescribed by the manufacturer.

As for the type of pots used, our preference is the plastic pots, since they are lighter in weight and are cleaner.

On December 4, 1962, we started our experiments with begonias by leaf cutting the begonia 'Fairy.' The leaf produced four plants. Two of these plants were placed under the Gro-Lux lamp, and the other two

were placed under the combination of one cool white lamp and one warm white lamp. They, along with other species of rex begonias which were also grown under both types of lights, are on display here, each marked with the dates and type of light used. We believe you will agree with us that our experiment has proven that the Gro-Lux lamps have produced better horticultural specimens.

During the experiment, the begonias were given the same treatment to prevent disease that we give the violets and also the same fertilization program. Our treatment for diseases consists of a spray such as "Raid" at regular periods, a spray to control mildew, and one to control nematodes. All new plants are given the treatment and are kept isolated for at least three weeks.

—This article is taken from a lecture delivered to the Knickerbocker Branch of the A.B.S. and is published here through the efforts of Mrs. Hertha Benjamin, program director of that Branch.

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The Buxton Check List of Begonias is a "must" for hybridizers to check on previously registered names, and is a valuable reference book for identification and origin.

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4943 FIESTA AVE., TEMPLE CITY, CALIFORNIA

## Report Of 1963 Shade Plant Judging Class

The Shade Plant Judging Class for 1963 has been completed. Six lectures by outstanding speakers, making special studies on their subjects for this class, made up our program on judging. These lectures were available to anyone wishing to attend, and the interest shown was very good. Some came just for the information given in certain lectures and others came with the desire to learn the fine points of judging.

The following are the subjects covered and the teachers giving the lectures. Some of these teachers are judges accredited by the National Federated Garden Clubs while others are specialists in their subjects:

"Seeing The Beauty In An Orchid" — "The Cypripedium" — by Maria Wilkes.

"The Twin Principles of Exhibiting and Judging Fuchsias" — by Muriel Merrell, F.R.H.S.

"Judging Begonias In a Show" — by Rudolf Ziesenhenné.

"Bromeliads — An Introduction and Judging Points" — by Victoria Padilla, presented by Jean Kerlin.

"Some Criteria for Judging Ferns" — by Barbara Jo Hoshizaki.

"How to Judge Japanese Flower Arrangements" — by Chikusui Kondo.

Maria Wilkes is a National Federated Garden Club Judge, a past chairman of the Southern California Judging Council, an accredited teacher of judging, and an outstanding horticulturist.

Muriel Merrell, F.R.H.S., was chairman of the Judges Council of Southern California for the California Garden Clubs, Inc., Southern California flower show evaluator for awards issued by the National Council of State Garden Clubs, a nationally accredited amateur flower show judge under N.C.S.G.C. and C.G.C.I., and an accredited instructor of horticulture for the State of California. She is also a specialist lecturer on inter-

national flower arrangements.. (Muriel Merrell has given our class *three* wonderful lectures and refused to accept any remuneration. Thank you, Mrs. Merrell.)

Rudolf Ziesenhenné is a recognized authority on begonia judging. He was the speaker for the National Council of State Garden Clubs Judging Symposium held in Berkeley in October of 1962, and his subject was "Judging Begonias." His method of judging by point score would be difficult to improve.

Victoria Padilla is Editorial Secretary of the *Bromeliad Society Bulletin*. She is considered an authority on these unusual plants and writes many interesting articles for the *Bulletin*. Miss Padilla is the author of a wonderful book, "*Gardens of California*."

Barbara Jo Hoshizaki is a teacher of horticulture at the Los Angeles City College. She has made a special study of ferns since 1950, when she started under Alfred W. Roberts, and has her Masters Degree in horticulture. Her thesis was written on ferns.

Chikusui (Willie) Kondo is a professional Japanese flower arrangement teacher.

The members attending all the lectures and completing their tests with good grades have received their cards and are available as judges. Please give them a chance to judge or clerk. Below are their names, addresses, and phone numbers:

Mrs. Ethel Arbuckle,  
5932 Seville Avenue,  
Huntington Park, Calif.  
LU. 5-6080

Mrs. Pearl Benell,  
10331 So. Colima Road,  
Whittier, Calif.  
OX. 6-5161

Mrs. Ruby Budd,  
6440 Will Rogers Street,  
Los Angeles 45, Calif.  
OR. 1-3532

Mrs. Maxine Butler,  
6124 So. Rimbark Avenue,  
Pico Rivera, Calif.  
OX. 5-3868

Mrs. Peggy McGrath,  
1724 Solejar Drive,  
Whittier, Calif.

Mrs. Vera Naumann,  
652 W. Bennett Avenue,  
Glendora, Calif.  
ED. 5-6419

Mrs. Terry Olmsted,  
8717 La Cienega Blvd.,  
Inglewood, Calif.  
OR. 3-4746

Mrs. Bee Olson,  
13715 Cordary Street,  
Hawthorne, Calif.  
OS. 6-8202

Mr. Wilbur Olson,  
13715 Cordary Street,  
Hawthorne, Calif.  
OS. 6-8202

Mr. Malcolm Rich,  
2022 West 84th Place,  
Los Angeles 47, Calif.

Mrs. Margaret Taylor,  
111 Evelyn Drive,  
Anaheim, Calif.

Mrs. Marie Zachau,  
603 East Kelso Street,  
Inglewood, Calif.  
OR 7-5134

Edna L. Korts  
A. Roy Joyce  
*Chairmen*

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## CALENDAR

August 1—Westchester Branch: Hal Johnson, of Johnson's Cactus Gardens in Paramount, will be the guest speaker, illustrating his talk with slides. Plant table will include rare cactus and succulents furnished by Mr. Johnson.

August 1—Whittier Branch: R. L. Pyle, president of the Southern California Dahlia Society, will talk on the background and history of the dahlia, types, colors, and culture; and will show slides which include California dahlia shows. Potluck dinner at 6:30 p.m.

August 3-4—Begonia and Shade Plant Show, by Westchester Branch. 8020 Alverstone Avenue, Los Angeles. Open 1 to 9 p.m. on Saturday, 10 a.m. to 6 p.m. on Sunday.

August 8—Orange County Branch: Will meet at 7:30 p.m. at the Fairgrounds in Costa Mesa to prepare for Shade Plant and Dahlia Show.

August 9—San Gabriel Valley Branch: Jean Kerlin, of Altadena, will be the guest speaker. The program will be all about begonias.

August 10-11 — North Long Beach Branch: Begonia and Shade Plant Show.

August 10-11 — Shade Plant and Dahlia Show by Orange County Branch, at Fair Grounds, Costa Mesa.

August 17—Bessie Raymond Buxton Branch: Meet 10:30 a.m. at estate of Mrs. Edwin S. Webster, Quisset, Massachusetts. Study group at noon, Mrs. C. Norman Collard, hostess, Pocasset, Massachusetts.

August 17-18—Dahlia Show, Hollywood Park Clubhouse, Inglewood, California.

August 28—Glendale Branch: Mable Corwin, begonia and fern specialist from Rosemead, will present "Ferns, Varieties, and Culture."

# LET'S GO TO THE CONVENTION

As you all know, our convention days are creeping up on us. Here are some of the highlights of the two-day affair.

The flower show will be held at the same location as last year. The address is 111 Grosvenor Street, in Inglewood, five blocks north of Florence Avenue and one block west of La Brea Avenue.

This is a large building and it will take a lot of plants to fill it. The registration clerks, under Bert Slatter as Flower Show Chairman, will help you register your plants on Friday evening from 6 to 10 o'clock, and on Saturday morning until 10 o'clock. Judging will follow. I wonder who will get what.

The show will open at 2 p.m. on Saturday, remaining open until 10 p.m. Sunday hours will be from 10 a.m. until 6 p.m.

During the show, stop for a bite at the snack bar, which will be handled by the North Long Beach Branch. There will be a host of beautiful begonias and shade plants on sale at the plant sale table. This will be ably handled by Mrs. Jean Kerlin and Mrs. Edna Korts. They could use some help in donations of plants.

The annual meeting of the National Board of the American Begonia Society will be held at 2 p.m. on Saturday in the small room just off the main floor show. At this meeting you will meet your officers for the coming year, hear the annual reports by committee chairmen, and meet those attending from far away places.

Saturday night is our annual dinner. This will be handled by the friend of all of us, Mr. Clarence Hall, as master of ceremonies. During the course of the evening, Mrs. Jean Kerlin will present the annual awards. Mr. Carl Meyer will install the new officers. We will hear and see a narrated picture using elapsed-time photography by Mr. Howard Ander-

son. Contact Mrs. Pearl Parker for reservations. Her address is 15021 Gerkin Street, Hawthorne, Calif.

By the way, the dates are as follows — September 7th and 8th — as if you didn't know!

—Carl E. Naumann, *President*

## SNACK BAR NEEDS HELP

Donations of coffee, cakes, pies, donuts, cookies, or other foods are needed for the snack bar at the A.B.S. Begonia and Shade Plant Show on September 8 and 9. This bar will be conducted by the North Long Beach Branch, who will appreciate receiving cash, too, to help with expenses.

Besides the hours of the show, the snack bar will be open Friday evening for the convenience of workers on the show.

To enable the snack bar committee to plan ahead, please advise in advance that you will help with either food or cash. Contact either of the following:

Mrs Muriel Perz, chairman,  
2141 West 29th Street,  
Long Beach 10, Calif.  
Phone GA. 7-7393

Erna Newton,  
2721 Copa De Oro,  
Los Alamitos, Calif.  
Phone 431-8046

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## Report of National Board Meeting

The regular monthly meeting of the National Board of the American Begonia Society was called to order at 7:45 p.m., June 24, 1963, by President Carl E. Naumann.

Eighteen officers, chairman, and representatives responded to roll call.

President-Elect Terry Olmsted suggested that pictures of plants be made at the forthcoming show for use later in publicity. It was also suggested that Ralph Corwin would probably take pictures that could be used.

The President asked that everyone get behind the sale of merchandise tickets and reminded the Board that \$25.00 will be given to each Branch entering a display in the show.

The Treasurer, Earle E. Budd, reported as follows: balance \$1199.46, receipts \$709.25, disbursements \$1074.27, balance \$834.44.

The report of the Advertising Manager, Ruby Budd, was as follows: receipts \$51.62, accounts receivable \$113.50.

The Membership Secretary, Daisy Austin, made the following report: April 18 to May 18, new members 40, renewals 63, monies received \$261.75, *Begonians* mailed 2245; May 18 to June 18, new members 43, renewals 109, monies received \$383.65, *Begonians* mailed 2358, expenses \$35.47.

Mrs. Edna Korts, Business Manager and Judging School Chairman, reported as follows: The State Compensation insurance policy and invoice was submitted. A list of the properties of the Society was read. Mrs. Korts received copies of 1938 and 1939 *Begonians* from Alice Newall, of Cambridge, Massachusetts. Postage on this package was \$1.98, for which Mrs. Newall will be reimbursed. The sum of \$13.00 has been received from the sale of judging class lectures; and half of this is due the California National Fuchsia Society. Thirteen persons took the test following the judging course. All passed.

Posters advertising the show in September were distributed to the representatives.

Show Chairman Bert Slatter reported that plans for the show were progressing.

Mrs. Ruth Pease, Historian, reported receiving material from the Tarrant County Branch in Fort Worth, Texas, the Texstar Branch, and the Santa Barbara Branch.

Mrs. Lola Fahey, Librarian, reported that business had been a little slower. She also reported that Mrs. Warwick of the Seattle Branch was very ill. Mr. Warwick now has a complete file of *Begonians*.

Mrs. Jean Kerlin, Awards Chairman, reported that the Awards Committee was working by mail. She urged that individuals

and Branches submit suggestions for both the Alfred D. Robinson Award and the Eva Kenworthy Gray Award.

The Editor, Tru Peterson, reported that there will be an increase of approximately 15 per cent in the cost of publishing *The Begonian*.

The question of publishing a membership list was discussed. The President will investigate the matter and report.

The urgent necessity of an increase in dues to care for the rising costs was discussed. In order to put the issue on the ballot for a membership vote, it is necessary for two-thirds of the Board of Directors to approve.

It was moved by Mrs. Lee, seconded by Mrs. Orndorff, that \$500.00 be authorized for convention expenses.

Mrs. Kerlin urged that Branches contribute toward convention expenses in some way, one of which might be plants for the plant sale.

It was moved by Mrs. Korts, seconded by Mrs. Pearl Benell, that the advertisement in *The Flower Grower* magazine be renewed.

The following Branches reported: Glendale, Inglewood, Long Beach Parent Chapter, North Long Beach, San Miguel, and Eva Kenworthy Gray.

The meeting adjourned at 9:40 p.m.

Margaret B. Taylor  
Secretary

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## BEGONIA PARTY PLANNED

Keep in mind the Begonia Party of the Elsa Fort Branch of the American Begonia Society, September 21, at Lawnside, New Jersey.

Groom your begonias and exhibit them in the begonia show. Plants of any kind for the sale table will be appreciated.

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## BEGONIA SHOW IN LONG BEACH

A Begonia and Shade Plant Show will be presented by the North Long Beach Branch of the American Begonia Society on Saturday and Sunday, August 10 and 11.

Entries from other Branches and members are invited.

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## SHADE PLANT SHOW IN COSTA MESA

A Shade Plant and Dahlia Show, sponsored by the Orange County Branch of the American Begonia Society, will be held August 10 and 11, at the Fairgrounds, 88 Fair Drive, Costa Mesa, California.

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## SAN FRANCISCO FLOWER SHOW

The annual San Francisco Flower Show and Demonstration Gardens, a comprehensive display of tuberous and fibrous begonias, fuchsias, orchids, African violets, dahlias, roses, cactus, etc., all grown to perfection by amateur gardeners, will be held August 22 through August 25, in the Hall of Flowers, Ninth Avenue and Lincoln Way, Golden Gate Park, San Francisco.

Admission will be 50 cents.

The hours will be: Thursday, August 22, 7 to 10 p.m.; Friday and Saturday, August 23 and 24; 10 a.m. to 10 p.m.; and Sunday, August 25, 10 a.m. to 6 p.m.

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## COPY DEADLINE

All material for publication in THE BEGONIAN must be received by the Editor not later than the fifth of the month preceding month of publication.

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Mrs. Ralph Corwin, candidate for A. B. S.  
President-Elect.

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## DAHLIA SOCIETY WILL HOLD FLOWER SHOW

The Inglewood Dahlia Society will present its thirty-second annual flower show on August 17 and 18, at the Hollywood Park Clubhouse, Prairie Avenue and Century Boulevard, Inglewood, California. The show will be open from 2 to 10 p.m. on Saturday, and from 10 a.m. to 6 p.m. on Sunday. There will be no admission charge.

Exhibition classes are open to dahlia growers, both amateur and commercial. Information for exhibitors may be obtained from the show secretary, Mrs. F. C. McKelvey, 962 Franklin Street, Santa Monica, California.

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## THANK YOU, FRIENDS

I want to thank you, my friends in the American Begonia Society, for your thoughtfulness and consideration during my recent illness. I appreciate receiving the many cards, telephone calls, and good wishes.

—ROY JOYCE

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## CANDIDATES NOMINATED

The nominating committee, with Mrs. Elsie Joyce as chairman, appointed by the President, submitted the following slate of candidates for officers of the American Begonia Society to be elected prior to the 1963 convention.

*President-Elect:* Mrs. Ralph (Mabel) Corwin.

Mrs. Corwin has been a member of the San Gabriel Valley Branch of the American Begonia Society for many years, holding many offices in that Branch, including the office of President in 1960. Mrs. Corwin is a wonderful grower of begonias and their yard is a beautiful sight to behold. The Corwins have two sons and three grandchildren.

*Vice-President (3 years):* Robert Hale.

Mr. Hale is a member of the Sacramento Branch and has held the office of Nomenclature Chairman this

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year and in the past has been chairman in other capacities.

*Secretary:* Mrs. Peggy McGrath.

Mrs. McGrath has been a member of the Whittier Branch for years and has held the office of Vice-President and many appointive offices. She was Treasurer for the California Fuchsia Society in 1952.

*Treasurer:* Mrs. Leona Cooper.

Mrs. Cooper is a member of the Glendale Branch and is a Past President of that Branch. In 1962, Mrs. Cooper was the very capable Treasurer for the American Begonia Society and she has acted as Treasurer for the society shows in 1959 and 1960.

## Ballot

### For Officers Of The American Begonia Society

For PRESIDENT-ELECT—Mrs. Mabel Corwin . . . . .

For VICE-PRESIDENT — Robert Hale . . . . .

For SECRETARY—Mrs. Peggy McGrath . . . . .

For TREASURER—Mrs. Leona Cooper . . . . .

#### Voting Instructions—For Members

Make a cross in the space provided opposite the names of the candidates you wish to elect. Vote for one candidate for each office.

Cut ballot out of magazine and mail to:

Mrs. Margaret B. Taylor, Secretary,  
 111 Evelyn Drive,  
 Anaheim, California.

“Only ballots received by the Secretary seven days prior to the annual meeting (September 7) shall be counted.” Ballots received after August 31, 1963, will not be counted.

# Branch Directory

VISITORS ARE ALWAYS WELCOME AT THESE MEETINGS

## BRITISH BRANCH

F. J. Bedson, Secy., Kent, England

## BUXTON, BESSIE RAYMOND BRANCH

3rd Saturday, Homes of Members  
Miss Cynthia Webber, Secy.  
5 Hillside Ave., Bedford, Mass.

## DALLAS COUNTY, TEXAS BRANCH

3rd Monday, 10 a.m., Member's Homes  
Mrs. George Wilkins, Secy.  
3625 N. Fitzhugh St., Dallas, Texas

## EAST BAY BRANCH

2nd Thursday, 7:45 p.m., Willard School  
Telegraph at Ward, Berkeley, California  
Miss Dorothy F. Osburn, Secy.  
5015 Cochrane Ave., Oakland 18, Calif.

## EL MONTE COMMUNITY BRANCH

3rd Friday, Members' Homes  
Daisy Morrow, Secy.  
2821 Musgrove Ave., El Monte, Calif.

## FOOTHILL BRANCH

3rd Thursday, 8:00 p.m.  
La Verne Community Bldg.  
2039 Third St., La Verne  
Miss Christine E. Kindell, Secy.  
338 W. 11th St., Claremont, Calif.

## FORT, ELSA BRANCH

1st Saturday, 1:30 p.m.  
Miss Lola Price, Secy.  
628 Beech Ave., Laurel Springs, N.J.

## GLENDALE BRANCH

4th Wednesday, 8:00 p.m.  
Tuesday Afternoon Club, 400 N. Central  
Mrs. Ethel Ar buckle, Secy.  
5932 Seville Ave., Huntington Park, Calif.

## GRAY, EVA KENWORTHY BRANCH

2nd Saturday, 1:30 p.m. (except Dec. & Jan.)  
Seacoast Hall, 3rd and E St., Encinitas, Calif.  
Mrs. Alice E. Roberts, Secy.  
523 Hermes Ave., Encinitas, Calif.

## GRAY'S HARBOR BRANCH

2nd Monday, 8:00 p.m.  
Hoquiam Public Library or  
Messingale and Rosenear Music Store  
Aberdeen, Washington  
Mrs. Jessie B. Hoyt, Secy.  
1013 Harding Road, Aberdeen, Wash.

## GRUENBAUM, MARGARET BRANCH

4th Tuesday, 10:30 a.m., Homes of Members  
Mrs. Adolph Belser, Corr. Secy.  
Welsh and Verree Rd., Philadelphia, Pa.

## HOLLYWOOD BRANCH

Meetings temporarily suspended.  
Mrs. Georgina Barton, Secy.  
2821 Herkimer St., Los Angeles 39, Calif.

## HOUSTON, TEXAS BRANCH

2nd Friday, 10:00 a.m.  
Garden Center, 1500 Herman Drive  
Mrs. Grant Herzog, Secy.  
12601 Broken Bough, Memorial Station  
Houston 24, Texas

## HUMBOLDT COUNTY BRANCH

2nd Monday, 8:00 p.m.  
Los Amigos Club, Loleta, Calif.  
Miss Margaret Smith, Secy.  
P.O. Box 635, Ferndale, Calif.

## INGLEWOOD BRANCH

1st Tuesday, 7:45 p.m., American Legion Hall  
3208 West 85th St., Inglewood, Calif.  
Mrs. Elsy M. Willick, Secy.  
13214 Merkel Ave., Paramount, Calif.

## KNICKERBOCKER BRANCH

2nd Tuesday, 7:30 p.m.  
Library, Horticultural Society of N.Y.  
157 West 58th St., New York  
Mrs. Phyllis Cherot, Secy.  
115-44 194th St.,  
St. Albans 12, N. Y.

## LONG BEACH PARENT CHAPTER

3rd Thursday, 7:30 p.m.  
Linden Hall  
208 Linden Ave., Long Beach, Calif.  
Mrs. Vera Ohlson, Secy.  
1925 Maine Ave., Long Beach 6, Calif.

## LOUISIANA CAPITAL BRANCH

1st Friday, Capitol Room  
1701 Main St., Baton Rouge  
Mrs. Elaine Wilkerson, Secy.  
5764 Robertson Ave., Baton Rouge 5, La.

## MIAMI, FLORIDA BRANCH

4th Tuesday, 8:00 p.m.  
Simpson Memorial Garden Center  
Mrs. Ray Rosengren, Secy.  
5530 N.W. 21 Ave., Miami, Fla.

## MISSOURI BRANCH

3rd Tuesday, 1 p.m.  
World War Memorial Bldg., Linwood and Paseo  
Kansas City, Mo.  
Miss Nina Austin, Secy.  
1104 Askew St., Kansas City 27, Mo.

## NORTH LONG BEACH BRANCH

3rd Friday, 7:30 p.m.  
3901 Atlantic Ave., Long Beach  
Mrs. Rebecca Anthony, Secy.  
153 Ellis St., Long Beach, Calif.

## ORANGE COUNTY BRANCH

2nd Thursday, 7:30 p.m.  
Garden Grove Grange Hall, Century and Taft Sts.  
Garden Grove, Calif.  
Daisy G. Austin, Secy.  
1510 Kimberly Ave., Anaheim, Calif.

## PASADENA BRANCH

Meetings on Call, Homes of Members  
Col. C. M. Gale, Secy.  
40 N. San Rafael, Pasadena 2, Calif.

## PHILOBEGONIA BRANCH

2nd Friday, Members' Homes  
Mrs. Anne W. Stiles, Secy.  
R.D. No. 2, Box 43B, E. Delaware Trail,  
Medford, N. J.

## REDONDO AREA BRANCH

4th Friday each Month  
Lincoln School Recreation Center  
Ernest and Vail Sts., Redondo Beach, Calif.  
Mrs. Margaret Buell, Secy.  
1441 - 21st St., Manhattan Beach, Calif.

## RHODE ISLAND BRANCH

1st Saturday, Homes of Members  
Miss Ruth Harrington, Secy.  
372 Lloyd Ave., Providence, R.I.

**RIVERSIDE BRANCH**

2nd Wednesday, 7:30 p.m., Shamel Park  
3650 Arlington, Riverside, Calif.  
Mrs. Lillian Maddox, Secy.  
7172 Mt. Vernon St., Riverside, Calif.

**ROBINSON, ALFRED D. BRANCH**

3rd Friday, 10:30 a.m., Homes of Members  
Constance D. Bower, Corr. Secy.  
1609 W. Lewis St., San Diego 3, Calif.

**SACRAMENTO BRANCH**

3rd Tuesday, 8:00 p.m., Garden Center  
3300 McKinley Blvd., Sacramento, Calif.  
Elmer A. Thomas, Secy.  
913 Sonoma Way, Sacramento 22, Calif.

**SAN DIEGO BRANCH**

4th Monday, Barbour Hall  
2717 University Ave., San Diego  
Leah Jones, Secy.  
3734 - 40th St., San Diego 5, Calif.

**SAN FRANCISCO BRANCH**

1st Wednesday, 8:00 p.m.  
Garden Center, Golden Gate Park  
9th Ave. and Lincoln Way  
Lilian A. Beach, Secy.  
3006 Castro St., San Francisco 12, Calif.

**SAN GABRIEL VALLEY BRANCH**

2nd Friday, 8:00 p.m.  
Los Angeles State and County Arboretum  
501 N. Baldwin Ave., Arcadia, Calif.  
Mrs. Lillian Hale, Secy.  
113 N. Ardmore Drive, San Gabriel, Calif.

**SAN MIGUEL BRANCH**

1st Wednesday, Youth Center, Lemon Grove, Calif.  
Mrs. Lucille Williams, Secy.  
1261 Concord St., El Cajon, Calif.

**SANTA BARBARA BRANCH**

2nd Thursday, 8:00 p.m.  
Santa Barbara Museum of Natural History  
2559 Puesta Del Sol  
Elnora Schmidt, Secy.  
3346 Calle Cita, Santa Barbara, Calif.

**SEATTLE BRANCH**

3rd Tuesday, 7:45 p.m.  
Meeting locations will vary; call the secretary at  
SUset 2-2234  
Miss Bernice Moore, Secy.  
2842 West 59th St., Seattle 7, Wash.

**SHEPHERD, THEODOSIA BURR BRANCH**

1st Tuesday, 7:30 p.m.  
Alice Barlett, C.H., 902 E. Main, Ventura, Calif.  
Mrs. Clermont Morris, Secy.  
539 Jones St., Ventura, Calif.

**SMOKY VALLEY RANCH**

3rd Thursday of each Month  
Mrs. Lyle L. Melvin, Secy.  
833 E. Jewell Avenue, Salina, Kansas

**SOUTHERN ALAMEDA COUNTY BRANCH**

3rd Thursday, 8:00 p.m.  
Burbank School  
319 B. St., Hayward, Calif.  
Mrs. Evangeline Muller, Corr. Secy.  
36937 Cherry St., Newark, Calif.

**TALL CORN STATE BRANCH**

Mrs. Edna Monson, Secy.  
South Taylor, Mason City, Iowa

**TARRANT COUNTY BRANCH**

2nd Monday, 10:00 a.m.  
Members' Homes  
Mrs. F. E. Mahler, Secy.  
1815 Sixth Ave., Fort Worth, Texas

**TEXAS STATE BRANCH**

1st Tuesday Night in Members' Homes  
E. Weaver,  
1325 Thomas Blvd., Port Arthur, Texas

**TEXASTAR BRANCH**

1st Thursday, 10 a.m., Garden Center  
1500 Herman Dr., Houston, Texas  
Mrs. J. L. Linkehoger, Secy.  
45 Caroline Trail, Houston 24, Texas

**WESTCHESTER BRANCH**

1st Thursday, 7:30 p.m., Westchester Women's Club  
8020 Alverston St., Los Angeles, Calif.  
Mrs. Walter W. Pease, Jr., Secy.  
8101 Vicksburg Ave., Los Angeles 45, Calif.

**WESTERN PENNSYLVANIA BRANCH**

2nd Wednesday, 11:00 a.m., Homes of Members  
Mrs. A. S. Lash, Secy.  
1228 Oklahoma Drive, Pittsburgh 16, Pa.

**WHITTIER BRANCH**

1st Thursday, 7:30 p.m.  
Palm Park Community Center, 1643 Floral Drive  
Anne L. Rose, Secy.  
1255 Ramona Dr., Whittier, Calif.

**WILLIAM PENN BRANCH**

3rd Tuesday, 2:00 p.m., Homes of Members  
Mrs. Griscom Bettie, Jr., Secy.  
331 Station Road, Wynnewood, Pa.



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