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DEVOTED TO THE SHELTERED GARDENS

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The Begonian

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Herbert P. Dyckman
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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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Florist's Begonia Gloire de Lorraine

By ALVA GRAHAM
A.B.S. Nomenclature Director

Begonia 'Gloire de Lorraine', which was pictured on the cover of *The Begonian* for August, 1962, dates back to 1891, when Victor Lemoine, famous begonia hybridizer of Nancy, France, crossed *B. socotrana* with *B. dregei*. It was some time before its value was appreciated, but in 1896 a Belgian journal published colored plates of it, and in 1901 another horticultural magazine noticed it. After several attempts to send it across the ocean in the days before airplanes, a good enough specimen arrived to provide a start over here. By 1903 the editor of *Country Life in America* wrote, "At the present time probably 200,000 plants of Begonia 'Gloire de Lorraine' are annually grown, flowered, and sold in the various markets of the United States."

This is a "florist's begonia" as it is a natural for the Christmas trade. In the middle of winter it is covered with bright, clear pink blossoms, an inch wide, that will last for weeks without even a withered flower, and cut blooms remain fresh in water for fifteen days or more. Well grown and hardened plants are good in the house for months, and are easily cared for.

Propagation is vegetative, either by leaves or cuttings. A leaf with its stem in sand will provide three or more young ones and these are considered to make the most shapely specimens. This is the way most nurserymen get their quantities of plants each year. Cuttings are taken from young wood, started in sand, and brought along gradually until they reach five-inch or six-inch pots, when they are allowed to fill the pots with roots and start budding. Some growers report that cuttings stuck in the ground in a shady place and "left alone" make beautiful plants.

When the blooming stalks begin to show buds each one should be staked, as in this way a symmetrical plant is obtained. If they are allowed to grow

naturally the heavy heads of bloom will hang down in hanging basket style. To make a really handsome basket three or four plants are placed around the edge of a large wire, moss-lined container, and a sturdier upright grower is put in the middle. This basket will grow easily to thirty-six inches wide and as high.

'Lorraines' are not difficult to grow if the timing is watched, as in this they differ from most begonias. Leaf cuttings can be made in November and December and treated the same as Rex leaf cuttings. Young wood cuttings are taken any time from May to August, the earlier ones blooming first. They make heavy growth during the summer and fall in preparation for the winter flowering season which may start in November and continue until Easter. Then the plants wish a resting period, with little water and no feeding, although they do not drop all their leaves. In late spring they are started into heavy growth again ready for the next bloom period.

There are many of these so-called Christmas begonias which differ from Lemoine's first hybrid in color and size of the flowers and of the leaves. The first were sports, as the flowers are almost all males and infertile. Occasionally a few female flowers occur near the end of the season but most of these are also infertile. Some seed has been obtained at times and used by growers. All of these are considered to belong to the *socotrana-dregei* cross, which in 1940 was named *B. cheimantha* by T. H. Everett of the New York Botanical Garden.

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COVER PICTURE

Begonia 'Purpurea', a shimmering silver and green prize-winning plant entered by Fuchsia Land Nursery in the 1961 Begonia and Shade Plant Show.

—Photo by Fred Schmit

A Begonia Hybrid is a Hybrid

By DOROTHY S. BEHREND
Encinitas, California

Let us face facts: A begonia hybrid is a hybrid — nothing more or less.

A begonia hybrid must be *propagated vegetatively to be produced TRUE*.

The hassle about Begonia 'Fleece Alba' is unnecessary. It is a hybrid. Seedlings raised from seeds gathered from the *originally named and registered* begonia will produce a few "likes", but they are not 'Fleece Alba' — they are 'Fleece Alba Seedlings' — nothing more. Seeds produced and gathered from B. 'Fleece Alba Seedlings' (that have been *selfed*, of course) are mavericks and should not be offered for distribution under the name of 'Fleece Alba'. It is presumed that the seeds offered under the name of B. 'Fleece Alba' have been *self-pollinated* by the person offering the seeds, from begonias vegetatively propagated. If they have not been self-pollinated, then the male parent (pollen source) should be noted and the seeds be sown as a new hybrid possibility.

Hybrids or cultivars are slow to be distributed, because the ethical plantsman distributes only named *hybrid* begonias that have been propagated vegetatively. This means the slow process of rooting cuttings by leaf stems, stem cuttings, or tip cuttings. That means butchering the original plant.

The writer was pleased to talk to Carl Naumann recently about his concern over the distribution of hybrid begonia seeds. Here is an A.B.S. president who is concerned about begonias — and it was refreshing. He is all for distributing the seeds of hybrid begonias, as they are fun to grow, IF we stress the need of adding the word "seedling" to the resultant seedlings. These begonias cannot be named by the persons growing the seedlings — other than adding their names to the seedling name; i.e. Begonia 'Zuebrae Seedling Jones'.

Begonia enthusiasts should heed this admonition, to help keep confusion to a minimum in the nomenclature field.

The hassle a couple of years ago over Begonia 'San Miguel' was unnecessary, when one understands the rules. The rule of *vegetative propagation* applies here to B. 'Gen'l Jacques' the same as it applies to any other hybrid. What if the parentage does "sound like" another begonia's parentage? Two begonias produced via the method of pollinization, in widely separated parts of the world and twenty years apart, can hardly fall into the realm of "vegetatively propagated" begonias, when they were not actually shipped or sent across the lands.

B. 'San Miguel' was produced by hybridizing two begonias, by a man in Lemon Grove. The begonia turned out to be a "show stopper". It had to be given its own individual name, because the man did not even have knowledge of a "like" cross years before, and, if he had known, he could not name it the same as the previously named begonia. It was NOT vegetatively propagated.

These are the rules of the horticultural world, which we respect and admire.

It's that simple. A hybrid is a hybrid is a hybrid.

NURSERY AT SHOW

One of the eye-catching island displays at the recent Begonia and Shade Plant Show held during the convention was the work of Mr. and Mrs. Kashkin of the Fuchsia Land Nursery. Sincere thanks are due them for their efforts in making this contribution to the beauty of the show and for exhibiting many of their excellent plants.

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.

New Phytoillumination May Eliminate Amateur Collectors Woes

By HERBERT H. WARRICK
Seattle, Washington

Have you ever received a new begonia and had it die out gradually in spite of all the care you gave it? Well, I hear that most begonia hobbyists experience this difficulty now and then.

And of all the begonia growers, the amateur collector has the most trouble. He gets so many plants that adequate space disappears and, in the resulting crowding, only the most vigorous cultivars and species can survive. Even when they are not crowded, unless the proper environment of light, heat, and humidity is carefully maintained, many types of begonias just stop growing and seem to go into a sort of dormancy from which they never recover.

Over the years I have become an amateur collector of the worst sort — that is, one who can't resist continually buying, trading, or begging cultivars and species, although many are lost because of this deadly false dormancy. In about eight years I have collected a total of more than seven hundred different non-tuberous begonias (named and unnamed), yet now I have only about four hundred, and about seventy-five of these are at a "stand-still".

Actually, this was true until September 1, 1962, when I first bought some of the new type fluorescent lamps called "Gro-Lux", which are manufactured only by Sylvania Electric Products, Inc.

By chance I had visited a local African violet hobbyist who had a few non-tuberous begonias. Also by chance a 'Kenworthy' and a 'Curly Rainbow Twist' had been placed with the violets under a single 40-watt fixture in which a Gro-Lux lamp had been placed. I had seen these begonias before they were placed under the new lamp, and on a subsequent visit after a few weeks I noticed that both plants had grown and colored-up miraculously.

Immediately I bought six Gro-Lux

lamps of the same size. (They retail at \$2.35 each here.) I placed them in some idle two-lamp fixtures in our basement, and started bringing in the sick and lethargic plants. Of course the slightly reddish glow of the Gro-Lux lamps initially brightened all colors of the leaves, stems, and rhizomes. It was easy to see that these colors were slightly false, by carrying the plants out into natural light, but after leaving them under the lights fourteen hours per day for a couple of weeks, the tests in natural light showed that new vigor and colors actually had set in. The lamps were about twelve inches above the plants.

Many of the bare sections of rhizomes started putting out leaves where one had been for months. Every terminal bud on the stems of the fibrous and cane begonias came to life and was throwing out new leaves. For me, new leaves on 'Kenworthy' seemed to jump out, and 'Glory of St. Albans' produced leaves of the proper red color. Young rex leaves seemed to take on mature coloring. One small unnamed rhizomatous begonia acted as though it had the measles, because almost every scar on the rhizome broke out with a new small leaf. This small plant had been in a 2½-inch pot since October of 1957, with never more than two two-inch leaves at a time. Now the two inch long rhizome is showing fifteen small leaves.

Others, such as 'White Robe', 'Costella', *lubbersi*, *masoniana*, 'Arabella', 'Tedro', 'Macbethi', *cubensis*, 'Seranta', 'Royal Princess', 'Kongo', 'Charm', 'Diversas', 'Pinkie Sport', and 'China Boy', all have started growing nicely and adding leaves at about twice the rate that might be expected.

A few days after I had set up these lights, I was given a six-inch stem cutting of 'Richard Robinson'. It had six

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BOOK REVIEW

SILENT SPRING

By RACHEL CARSON

Houghton Mifflin & Co., Boston—\$5.00

Lately there have been many books off the press that deal with the poisons in our food, and this last, by Rachel Carson, is not the least. With almost sweeping authority she hurls a vigorous onslaught against the *chemical* pesticides which are placed in our food by our continual spraying with DDT, Chlordane, Malathion, 2-4 D, and such products of World War II.

In terms any layman can understand she explains what is meant by the balance of nature, and why we must not disturb this. The chemicals being used are creating a race of insects which are immune, so the controls must be made progressively stronger and stronger to be effective. This increases the danger. Fortunately we are learning more and more about the non-chemical controls which will be safer and also more effective than these pesticides.

While *Silent Spring* will be a shock to many it will be a clarification to a growing number of interested persons, and is a "must" for every garden lover no matter where he lives. Now is the time to speak out and put in practice the biological control of pests. Rachel Carson has the courage to set forth so clearly and so distinctly the course that must be followed to save us from deadly peril of these lethal sprays.

—By Charlotte M. Hoak
South Pasadena, Calif.

Holiday Greetings To All

A.B.S. Members

CALIFORNIA NATIONAL
FUCHSIA SOCIETY

GLENDALE BRANCH SHOW

By EDNA KORTS

The Glendale Branch Show has been a yearly event for some time and everyone seems to enjoy the fall showing of shade plants. This show is open to all American Begonia Society members who wish to compete, and many and varied are the entries, not being limited to begonias.

This fall the varieties entered ranged from begonias, ferns, succulents, and bromeliads, to one of the most beautiful specimen cycads you will ever see, about five feet tall, with a large head.

Mrs. Margaret Taylor, our National Board Secretary, coming from Anaheim, won first prize for a visitor with a beautiful specimen plant of Begonia 'Ricky Minter' at least thirty inches across. This was one of the finest 'Ricky Minter' begonias it has been my pleasure to see anywhere.

The choice of a winner for a member was very difficult. Our Mrs. Lorenz had a beautiful *Begonia dayi* that was just about perfect but the ferns exhibited were outstanding and the winner was an *Adiantum* basket which must have measured close to a yard across, and very deep. This plant was grown by Frank Paucher.

Mrs. Irma Brown won best in arrangements with her well-planted miniature garden.

One year ago this October, a baby plant was sent to me by the Merry Gardens, Massachusetts, for growing and testing to see how it would measure up in California.

It was my pleasure to display this plant at our show for rating by the three begonia judges who judged the plants. They decided it was very good, and gave it a blue ribbon and an Award of Merit certificate, which will be sent to the Merry Gardens. The plant created a lot of interest and you will probably hear more of it later on. Remember — it comes from Massachusetts and will not be available here.

All the plants in the show were very well grown.

BEGONIAS ON NOTE PAPER

Because producers of note paper for social correspondence have never catered to begonia hobbyists, begonia-decorated note paper has always been unobtainable. Now, however, such stationery is available.

To help spread the begonia hobby, Dorothy S. Behrends, of Encinitas, California, is producing note papers with her original hand-tinted begonia designs, and is offering them for sale. At this time, four designs are being produced.

One of these designs is *Begonia listida*, a species begonia that will be propagated by seeds soon, making it easy to obtain.

Another design is Begonia 'Madam Queen'. As it is a hybrid and must be propagated vegetatively, it will be slower to find on a national scale. This hybrid or cultivar was created by Beth Bath and was not a chance seedling. It always comes true from leaf stem cuttings, with crested margins the first year. It has *B. manicata cristata* as a parent, and this fact insures the crested margins early in life. Cultivars with *B. 'Bunchi'* as a parent must wait as long as two years for crested margins when they are propagated by leaf stem cuttings.

Another design is Begonia 'Bow-Nigra', a begonia that is grown worldwide, thanks to the distribution by the Henry Field Company. Persons have reported seeing this begonia in Hong Kong, Hawaii, England, and Italy. Because it is hardy as well as beautiful, it is a favorite that has won laurels every place it has been grown. It was created by Della MacLanahan (now Overholtser).

The subject of the fourth design, *Begonia coccinea*, may be found with flowers in shades of pink, red, and white, with variegations. It is grown like a

weed in Brazil and Colombia but, as the bees do quite a little work with it, we find many variations coming to us, via seeds, from these countries. Some seedlings from Brazil seeds have had pink spots on the leaves instead of the usual silver spots. Of course, many of these *coccineas* do not have any spots at maturity. At times these begonias are also called Rubras and Angel Wings.

SEASON'S GREETINGS

And

All Good Wishes

for a

Happy Holiday Season

INGLEWOOD BRANCH

*May All The Joys
of Christmas Cheer Usher
In Your Best Begonia Year
Merry Christmas*

WESTCHESTER BRANCH

*We Bring You All
The Season's Greetings and
Lasting Happiness And Cheer.
May Your Begonias
Bring You Pleasure
Throughout The Coming Year*

WHITTIER BRANCH

Season's Greetings

From

NORTH LONG BEACH BRANCH

Bumbling Along With Bee

A new column makes its appearance in *The Begonian* this month. "Bumbling Along With Bee" will be a question-and-answer column prepared by the A.B.S. Research Department.

In the past, questions sent to the Research Department have been answered individually, but since so many were pertinent to the majority of readers, it was felt that a column of this nature would have real merit.

The Inglewood Branch Study Club, headed by Bert Slatter, has assumed the duties of the Research Department with Bee Olson as chairman. Any question requiring discussion or deep research will be handled at regular Study Club meetings.

This column belongs to YOU — the readers. Its success will depend on your questions, comments, and assistance in answering questions that draw from experience and personal knowledge. Please help.

Questions should be directed to:

Bee Olson,
13715 Cordary Avenue,
Hawthorne, California.

Mrs. A. R. of Iowa asks: Is there available through the A.B.S. some type of program — pre-recorded — a lecture or slides accompanied by a lecture that a small Branch can rent for a small fee?

Dear Mrs. A.R.: An excellent and varied selection of slides is available from the A.B.S. Slide Library. Recorded lectures are not yet available. However, Roy Joyce, who is in charge of this department, has a plan in the making to record a running commentary to accompany slides, which will run from 30 to 45 minutes and will provide an evening's program for a Branch. When it is ready, an announcement will appear in *The Begonian*.

Branches: Please discuss this planned program at your next meeting and drop a card to Roy Joyce or to me, giving us your views. This would be appreciated.

Mrs. V. D. of New York asks: Can you give me some information advising where I can purchase the old-fashioned Buck Wheat Begonia? My mother had one when I was a child.

Dear Mrs. V. D.: Checking books in our library and questioning members have not brought to light the begonia known to you as the Buck Wheat Begonia. We would appreciate information from anyone who might know this begonia or who might give us a clue of any kind.

Mrs. B. D. of New Jersey asks: I have one plant of *B. vellozoana* (two years old) which is definitely on the decline. I have tried to start new plants from the rhizome cutting and from leaves, but have had no luck. The stems seem to be getting thin and woody, and the leaves are becoming smaller. How may I save it?

Dear Mrs. B. D.: Since you have tried both the rhizome and leaves and have been unable to propagate your *B. vellozoana*, I would suggest that you make divisions of the plant. A two-year-old plant should provide several divisions. Remove all planting material and separate the divisions gently. Some will probably be of good size and some quite small. Clean away old chaff and dead or bruised leaves, and replant the larger divisions in clean pots. The small divisions should be planted in a flat as you would start cuttings. If any leaves are broken from the plant during this process, you might try these too. The chances are that, if the plant is declining, the leaves you have tried have not been healthy enough to root. Good luck!

Mrs. A. M. of Pennsylvania asks: What is the Iron Fern and under what name can I purchase it?

Dear Mrs. A. M.: The Iron Fern, also known as the leatherleaf Fern, is scientifically known as *Aspidium capense*.

Mrs. T. O. of California asks: Is there a product on the market that will discourage algae in fountains, pots, and windows of my glass-house?

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Clayton M. Kelly Seed Fund Flight

No. 1—*B. cathayana*, Hemsley—

Growth erect, shrubby, 40 to 60 cm. high. Leaves succulent, round, reddish brown, covered with soft white hairs. Leaves asymmetric, hanging down, about 20 cm. x 12 cm., asymmetric cordate more or less lobed and dentate, ending in a point, velvety, dark, olive green, with a light green area which becomes white toward the center, deep purple, velvety veins, covered with soft hairs, mainly at the margins and beneath. The lower side of the leaf is very red with reticulate venation. Petioles 7 to 12 cm. long, round, succulent, light green and densely covered with hairs on the outside. *B. cathayana* is a beautiful species with valuable leaves. It should be in every collection. It requires greenhouse culture and plenty of warmth and humidity. Seed of this aristocrat come from the greenhouse of Michael Kartuz. \$1.00 per pkt.

No. 2—*B. vellozoana*, Brazil—

Sensational species rivaling *B. masoniana* in beauty and popularity. Dark green taffeta leaves accented by light veins and ethereal pink tinges. White flowers, hairy outside, on tall spikes. Will root at the stipules. Therefore, it is easy to propagate from leaf-stem cuttings and is one of the easiest begonias to grow from seed. 50 cents per pkt.

No. 3—*B. Rex* hybrids—

From a large and outstanding collection in Santa Barbara, California. Seeds were produced especially for the Seed Fund and will yield plants of many colors and types. Because they are such complicated hybrids, they will not come true from seed. One seed pod seldom produces two plants alike.

Rex seeds are touchy about warmth. Bottom heat is desirable. Seeds require from three to four weeks to germinate, sometimes longer. Sow especially thin, to give the seedlings a chance to grow undisturbed as long as possible before transplanting. Don't try to transplant them until they have produced the second

set of true leaves. True characteristics will not be evident until at least the fourth set of adult leaves appear, and sometimes they are not permanent, as they can change color and texture during the first three years. Don't discard seedlings because they are small or slow-growing; these may turn out to be beautiful and worthwhile plants. 50 cents per pkt.

No. 4—*B. Cuban* species—

Sometimes called 'Holly-leaved' begonia. Small, glossy, dark green leaves, sickle-shaped. White flowers in pairs cover plant in winter. Good basket plant. 25 cents per pkt.

No. 5—*B. Domingensis*—

Also known as 'Peanut brittle'. Sweet little begonia with tiny, glossy, crinkled leaves, fleshy yet firm; heavy growth at the base; free-flowering pink flowers. 25 cents per pkt.

No. 6—*B. bartonea* syn *B. 'Winter Jewel'*—

Puerto Rico. Miniature plant with small, scalloped, russet, mottled leaves that glisten with silver. Clusters of dainty flowers in winter. Resents cold and will collapse at the slightest hint of cold. 25 cents per pkt.

No. 7—*B. 'Chocolate Soldier'* x *B. Brazilian* species—

Name given by grower for identification purposes. *B. 'Chocolate Soldier'* is described as being about four feet tall, with much growth at the base. Striking bloom, whitish-pink, scalloped on edges with many hairs. Different. 25 cents per pkt.

No. 8—*B. Unidentified*—

Fast growing; small leaf; white flowers; good basket plant. 25 cents per pkt.

No. 9—*B. 'Black Shadows'*—

Many favorable reports on this one from seed offered a short time ago. Small, rhizomatous, black dots on leaves with black edges. 25 cents per pkt.

No. 10—*B. Tuberhybrida pendula* 'Illumination'—

Germany. An attractive group of hang-

ing plants that bloom in great profusion. Basket begonias should be grown where they are protected from hot sun and wind. Good light is necessary for good growth and bloom. 25 cents per pkt.

No. 11—B. Matador—

Semperflorens from Mr. Benary in Germany. Small, heterosis type, with many pink flowers. Ideal for outdoor bedding or for pot culture. Practically weather-resistant. 25 cents per pkt.

No. 12—B. Benary's Rosenrot (Rosy Red)—

Semperflorens from Mr. Benary in Germany. Heterosis type with a profusion of rosy-red flowers. Small-growing and hardy. 25 cents per pkt.

No. 13—B. Tausendschon—

Semperflorens from Mr. Benary in Germany. Dwarf, glistening white flowers. Makes a striking contrast when grown with the two mentioned above. 25 cents per pkt.

Due to circumstance beyond our control, we are unable to obtain seed of *B. lubbersi* as anticipated. Therefore, we suggest that those who have credit for them with the Seed Fund should accept something else instead. The grower informs us that she has an abundance of *B. lubbersi* crossed on rex hybrids. If you wish to try them in lieu of *lubbersi*, they are available. There may be a remote possibility that we will offer *B. lubbersi* again, but at present we do not know when this will be possible.

The grower showed her magnificent plants in the Santa Barbara show. Some of them were more than three feet across, and were an outstanding attraction. She grows them in and out of the greenhouse and has fantastic results. This begonia was introduced by the Seed Fund several years ago, and many Seed Fund patrons have tried to grow it, not always with good results.

Two begonias offered in *The Begonian* for August, 1961, have been identified as follows: *B. 'Honduras'* as *B. pilifera*; and *B. listida*, Brazil, as *B. listida*.

GREENHOUSE PLANTS

***Aechmea lueddemanniana*—**

British Honduras. Choice plant; relatively scarce. Medium growth, turning to a handsome russet when grown in bright light. The inflorescence is complex, and the fruits, which form in abundance, remain in color for several months and are dull blue. Individual flowers are small and vivid cerise. Seeds germinate readily when sown in any good growing medium. Bottom heat will hasten germination. 50 cents per pkt.

***Lietzia brasiliensis*—**

Origin: Pedra Azul, Minas Gerais, Brazil. Gesneriaceae. Identification not definite. Plant is considered very rare, but positive identification could not be completed because of a forest fire in the region of growth. The collector states that the bloom is large, red, trumpet-shaped. Seeds are now in the hands of an eastern grower who will make positive identification. 50 cents per pkt.

***Sinningia eumorpha*—**

Pretty, free-blooming species with large, glossy, thin, lightly downy leaves of bronzy green. Numerous milky-white flowers like nodding bells lined with lilac and yellow in throat. 25 cents per pkt.

***Reichsteineria x eumorpha*—**

25 cents per pkt.

***Chrysothemis friedrichsthaliana*—**

Gesneriaceae. Erect, tuberous-rooted, succulent plant with waxy-green, hairy, lance-shaped, crenate leaves to one foot in length. Axillary flower clusters, the short orange corolla with dark striped lobes peeking out of large greenish-yellow calyx. 25 cents per pkt.

***Kohleria lindeniana*—**

Gesneriaceae. Pretty plant with beautiful, velvety, ovate leaves, vivid green changing to copper toward the crenate margin; a pattern of silvery veins. Small, white, bell-shaped flowers with purple throats. 25 cents per pkt.

***Saintpaulia*—**

Some doubles. Pollen parent 'White Pride'. 50 cents per pkt.

***Eucomis punctata*—**

'Pineapple flower'. Greenhouse plant

related to Svilla. One to two feet high. Leaves brown-spotted beneath, nearly two feet long and three inches wide, in a basal rosette. Flowers greenish-white, borne in a leafy-topped terminal raceme. Eucomis is from the Greek, meaning beautiful topknot. 25 cents per pkt.

Impatiens—

'Sultanas'. Blend of many colors, dwarf varieties — pink, rose, salmon, lilac, and red. For best results, sow seed as soon as it is received. Germinates in a minimum temperature of 70 to 75 degrees, preferably in full light — no cover over flat. Keep uniformly moist. Allow three to four weeks for complete germination. Seeds are sensitive to low temperature, lack of moisture, and darkness. 25 cents per pkt.

FERN SPORES FROM AUSTRALIA

Suggestions for sowing. Sow at any time of year. Early spring is preferred. Use bottom heat of about seventy degrees. Soil mixture should be well rotted leaf mold and acid peat in equal proportions. Preferred pH range is 5.5 to 6.0.

Sow spores in shallow clay pans after soil has been moistened. Spores should be sown thinly. Do not cover them except with a pane of glass. Keep them from direct sun, and water them by placing pans in water until tiny drops form on the surface. Germination occurs in high humidity within three weeks or more. These embryos should be watered carefully from above with a fine spray, to encourage fertilization. Spores differ from seeds in this respect. Fertilization takes place in six to eight weeks; then small leaves begin to develop.

After the leaves have grown about two weeks, plants are large enough to be pricked off in little bunches, not singly. Plants can be transplanted later, when they are large enough to be handled without damage, and placed in 2¼-inch to 3-inch pots. Lower the temperature to about sixty degrees and use the same soil mixture throughout. All that is recommended for good growth is high humidity and a semi-shaded condition.

Fronds cut from pot-grown plants tend to be longer lasting than those cut from

benched plants.

Adiantum tenerum rosettea—

A pretty fern with large rosettes on end of each frond. 35 cents per pkt.

Adiantum gracillimum—

Beautiful fern. 35 cents per pkt.

Adiantum multiceptum—

A tassel with wide spreading ends on fronds. 35 cents per pkt.

Adiantum banksiana—

Large spreading frond; a tall, pretty fern. 35 cents per pkt.

Adiantum lathomi—

35 cents per pkt.

Adiantum rettusa—

35 cents per pkt.

Adiantum affine—

Pinnae with drooping habit. 35 cents per pkt.

Adiantum nebulosum—

Favorite fern in the florist trade. 35 cents per pkt.

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Seed Fund Administrator
234 Birch Street
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A.B.S. LIBRARY BOOK LIST

The following books are available for loan. Any member of the American Begonia Society may borrow the books for a thirty-day period. The only charge is the postage to and from the Library, 4943 Fiesta Avenue, Temple City, Calif.

- A TO Z ON FUCHSIAS—publication of California Fuchsia Society
 Anderson, A. W.—THE COMING OF THE FLOWERS
 Anderson, Edgar—PLANTS, MAN AND LIFE
 Anderson, Edgar—INTROGRESSIVE HYBRIDIZATION
 Arkell, Reginald—GREEN FINGERS
 Art & Tompkins—BACTERIOSIS OF TUBEROUS BEGONIAS (pamphlet)
 AZALEA HANDBOOK
 Bailey, L. H.—BOTANY
 Bedson, H. E.—SUCCESSFUL BEGONIA CULTURE.
 Blasdale, Walter—CYCLAMEN PERSICUM
 Briscoe, T. W.—ORCHIDS FOR AMATEURS
 Brown, Worth—TUBEROUS BEGONIAS
 Burroughs, Laura Lee—FLOWER ARRANGING, VOL. I & II (Coca-Cola Pub.)
 Butterfield, H. M.—HINTS ON GROWING BEGONIAS
 Butterfield, H. M.—GROWING BEGONIAS IN CALIFORNIA
 Buxton, Bessie—BEGONIA GLOSSARY
 Buxton, Bessie—BEGONIAS, AND HOW TO GROW THEM
 Birdsey, M. R.—CULTIVATED AROIDS
 CACTUS DIGEST—1949, 1950, 1951, 1952
 CACTUS & SUCCULENT JOURNAL—1950, 1951
 CALIFORNIA GARDEN—1949, 1950, 1951, 1952
 CAMELLIA RESEARCH (Camellia Society Pub.)
 CAMELLIAS ILLUSTRATED (Camellia Society Pub.)
 CAMELLIAS NOMENCLATURE (Camellia Society Pub.)
 Chabot, Ernest—GREENHOUSE GARDENING FOR EVERYONE
 Chabot, Ernest—HOW TO GROW RARE GREENHOUSE PLANTS
 Chevalier, Char'es—LES BEGONIAS (Both original French edition and translation)
 Clute, Willard—OUR FERNS IN THEIR HAUNTS
 Contributions from the Gray Herbarium—STUDIES IN THE BEGONIACEAE
 Copeland, Edwin—GENERAL FILICUM (Ferns)
 Cross, J. E.—BOOK OF GERANIUMS
 CURTIS BOTANICAL MAGAZINE

- Davis, Reg.—PHILIPPINE ORCHIDS
 Drummond, Mary H.—STYLING COR-SAGES WITH GARDEN FLOWERS
 Dyckman, H. P.—FIBROUS BEGONIAS (Bulletin No. 11)
 Everett, T. H.—BEGONIAS
 EXOTICS
 Fotsch, Karl—DIE BEGONIEN (German and English)
 Free, Montague—ALL ABOUT AFRICAN VIOLETS
 Free, Montague—ALL ABOUT HOUSE PLANTS
 Gardner, D. A.—WEST AUSTRALIAN WILD FLOWERS
 GARDENING ILLUSTRATED, 1950, 1951, 1952
 Gause and Bissell—BEGONIAS - CATALOGUE OF FLOWERS
 Gillespie, Norvell—HOW TO GROW TUBEROUS BEGONIAS
 Gillespie, Norvell—PACIFIC COAST GARDENING GUIDE
 Gram & Weber—PLANT DISEASES
 Gray, Eva K.—BEGONIAS
 Health, F. G.—THE FERN WORLD
 Hazelton—EPIPHYLLUM HANDBOOK
 Hems'ey, Alfred—THE BOOK OF FERN CULTURE
 Hillery—CULTURE TUBEROUS BEGONIAS
 Hixon, Rose C.—HISTORY OF THE A.B.S. 1932 to 1948, 1949, 1950
 Hottes, Alfred—HOW TO INCREASE PLANTS
 Houghton, A. D.—BEGONIACEAE OF ISLAND OF CUBA
 Houghton, A. D.—BEGONIAS OF NORTH AMERICA
 INDEX KEWENSIS
 INTERNATIONAL CODE OF BOTANICAL NOMENCLATURE
 Irmischer — SYSTEMATISCHE STUDEN UBER BEGONIACEIN DES TROPISCHEN
 SUDAMERIKERS BISCONDERS BRASI- LIENS
 Jackson, B. D.—A. GLOSSARY OF BOT- ANIC TERMS
 Jenkins & Wilson—ENJOY YOUR HOUSE PLANTS
 Jones and Clark—INDOOR PLANTS and GARDENS
 JOURNAL OF THE NEW YORK BOT- ANICAL GARDEN, 1947, 1948, 1949, 1950
 JOURNAL OF THE ROYAL HORTICUL- TURAL SOCIETY, 1950, 1951, 1952
 Kains & McQuesten—PROPAGATION OF PLANTS
 Kellogg, Chas.—OUR GARDEN SOILS
 KEWENSIS NEGATIVES
 Krauss, Helen—BEGONIAS FOR AMERI- CAN HOMES & GARDENS
 Kobayashi, Norie—BONSAI

- Langdon, Allan—TUBEROUS BEGONIAS
 Lanjouw, J.—BOTANICAL NOMENCLATURE AND TAXONOMY
 Laurie, A'ex & Kiplinger—SOILS AND FERTILIZERS
 Lawrence, W. J. C.—PRACTICAL PLANT BREEDING
 Logan and Cosper—ORCHIDS ARE EASY TO GROW
 Longmire, A. A.—SECRETS OF SUCCESSFUL PROPAGATION
 Lowe, J.—BEAUTIFUL LEAVED PLANTS
 Lowe, J.—FERNS, BRITISH & EXOTIC Vol. I, II, III, IV, V, VI, VII, VIII
 Maatsch, Richard—ZIERPFLANZENSCHAU (Written in German)
 Mackwood—GARDENS IN THE SHADE
 Marself, A. J.—FERNS FOR GARDEN & GREENHOUSE
 Merrill, E. D.—THE PHILIPPINE SPECIES OF BEGONIA
 Middleton, John—STEM ROT OF TUBEROUS BEGONIAS (Bulletin)
 Middleton, John—PYTHIUM DISEASE OF FIBROUS BEGONIAS (Bulletin)
 MISSOURI BOTANICAL GARDEN BULLETIN—1947, 1949, 1950
 Morse, H. K.—GARDENING IN THE SHADE
 McCulloch, Lucia—BACTERIAL LEAF SPOT OF BEGONIA (Bulletin)
 NATIONAL HORTICULTURAL MAGAZINE—1949, 1950, 1951 and 1952
 Naumberg, Sophia—HOUSE PLANTS IN EVERY WINDOW
 Nehrling, Dr. Henry—MY GARDEN IN FLORIDA—Vol. I and II
 NEW YORK BOTANICAL GARDENS, LIST OF REFERENCES
 Nicholson, George—ILLUSTRATED DICTIONARY OF GARDENING — Vol. I, II, III, IV, V
 NOTES FROM ROYAL BOTANIC GARDEN ORGANIC HANDBOOK—1949
 Odom, M. M.—HANDBOOK FOR AFRICAN VIOLET GROWERS
 O'Brien, James—ORCHIDS
 PLANTS AND GARDENS, 1949, 1950
 PLANT LIFE, 1949, 1950, 1951, 1952
 Preston, F. G.—THE GREENHOUSE
 Putman, L. L.—CARE AND CULTURE OF AFRICAN VIOLETS
 Rector, Carolyn—HOW TO GROW AFRICAN VIOLETS
 Reusch and Noble—CORSAGE CRAFT
 Rockwell, F. F.—10 000 GARDEN QUESTIONS ANSWERED
 Rodale, J. I.—COMPOST AND HOW TO MAKE IT
 Saxon, William—FERNS AS A HOBBY
 Schultz, Peggy—GLOXINIAS AND HOW TO GROW THEM
 Smith and Schubert—BEGONIACEAE OF CUBA
 Smith and Schubert—THE BEGONIACEAE OF COLOMBIA
 CONTRIBUTIONS FROM GRAY HERBARIUM (Plantae Mexicanae)
 CONTRIBUTIONS FROM GRAY HERBARIUM (Beg. of Sesse and Mocine)
 Solly, Cecil—HOW TO GROW TUBEROUS BEGONIAS
 Standley, Paul—FIELD MUSEUM OF NATURAL HISTORY (Flora of Costa Rica)
 SUNSET'S COMPLETE GARDEN BOOK
 SUNSET'S IDEAS FOR BUILDING PLANT SHELTERS AND WORK CENTERS
 Teske, Annie—GARDEN SONGS (Poetry)
 THE HOME GARDEN (Bound copies — Jan. thru June, 1950)
 THE TULIP HANDBOOK (Pub. of Tulip Society)
 Syckman—TUBEROUS BEGONIAS (Bulletin No. 1)
 U. S. Dept. of Agric.—INSECTS
 Watkins, John — A.B.C. OF ORCHID GROWING
 Wherry, Edgar — GUIDE TO EASTERN FERNS
 Wilson, Helen Van Pelt—THE AFRICAN VIOLET
 Wood, W. P.—A FUCHSIA SURVEY
 Woodward, Carol—HARDY FERNS AND THEIR CULTURE
 Woolman, John—EXHIBITION BEGONIAS
 Wyman, Donald—ARBORETUMS AND BOTANICAL GARDENS OF NORTH AMERICA
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 500 COMMON GARDEN MISTAKES CORRECTED
 Also bound copies of THE BEGONIAN are available.

The library has books on almost every shade plant. Perhaps you have some book in mind that has been helpful in your shade garden work and which does not appear on the list. I would appreciate knowing about such a book so that I may obtain it for the library for loan purposes or for sale.

This is your library, and it is my pleasure to serve you. A post card with your name and address and the name of the book you wish to borrow will bring it to you. The loan is for a thirty-day period, and when you return the book to the library, please send the amount of the postage.

Lola E. Fahey
 Librarian

*May All The Joys
Of Christmas Cheer
Usher In Your
Happiest Begonia Year*

SAN FRANCISCO BRANCH

*Merry Christmas
and
Happy New Year*

EL MONTE COMMUNITY BRANCH

*Merry Christmas
With Best Wishes For Your
Happiness In The New Year*

WESTERN PENNSYLVANIA
BRANCH

*May All The Joys Of Christmas
Be Yours
Throughout The New Year*

LONG BEACH PARENT CHAPTER

*Merry Christmas
With Best Wishes
Throughout The Year*

GLENDALE BRANCH

Season's Greetings

ORANGE COUNTY BRANCH

FLORIST'S BEGONIA . . .

(Continued from Page 219)

den, to distinguish them from the so-
cotrana-Andean tuberous crosses which
are also called Christmas begonias.

'Lady Mac' is probably the most pop-
ular of these begonias over here, although
the large-flowered 'Marjorie Gibbs' and
'Mrs. J. A. Peterson' are pink ones
grown. 'Snowdrop', a white, and the red
'Lucille' can be found. In Belgium
Charles Chevalier says that 'Melior',
'Concurrent', and especially Ege's 'Fav-
ourite' seem to be the most popular.
F. J. Bedson names these as found in
England and adds some British sports,
such as 'Mrs. Leopold de Rothschild'
and 'Turnford Hall.' There is a recent
Dutch introduction, 'Koppe's Surprise',
and the Scandinavians have given us
'Solbakken' (Sunbank). These are said
to be easier to grow than most. A white
from Britain is 'White Silence', and
'Weiszer Schnee' (Snow-white) is a con-
tinental large-flowered form. There are
many others.

BUMBLING ALONG . . .

(Continued from Page 224)

Dear Mrs. T. O: Two new products,
soon to be on the market, make the
claim that they will keep algae from pots
and fountains for a period of six months.
I assume this would apply as well to
windows in the glass-house. These prod-
ucts are ALGOE-GO and EX-PEL.

*To Wish You All The Joys
and Blessings of The
Christmas Season*

SANTA BARBARA BRANCH

PHYTOILLUMINATION . . .

(Continued from Page 221)

leaves, and I did not remove any of them. After ten days in vermiculite and under these lights it grew a cluster of one-inch roots and added two new leaves without dropping any of the original six. In the past, whole plants of this begonia have always stood still and lasted only about six months for me. It now appears that this type of begonia will never again be a problem to me.

From advertising and test data brochures, I understand that the effective actinic energy of the new Gro-Lux lamps is about twice that of any of the older type of fluorescent lamps. The designed absence of the yellow and green frequencies and the accentuation of reds and blues give the reddish tinge to the remaining apparent spectrum. This slightly unnatural color effect is quite pleasant, although you may have to gaze at the plants an extra moment or two to appreciate all of the colors that appear in the leaves.

While it is still too soon for me to evaluate the ultimate overall effects of these lamps on the more delicate plants, my morale has been given a big boost by the anticipation of being able to stop losses and continue to add to my collection.

Many people say, "Why get so many plants when crowding prevents their proper growth and spoils decorative effects?"

Well, an amateur collector does worry a little about these features, but he quickly squelches the feelings by consoling himself with the pleasures of seeing so many variations in one genus of plants and with the everlasting search for "just one more".

With some exceptions, begonias have the ability to "stand still" for years in many different sizes as the result of limiting environments. Now the Gro-Lux lamp seems to be the answer to maintaining the delicate exceptions without elaborate and expensive greenhouses or growing chambers, called "phytotrons"

and "climatrons" by the scientists. This lamp seems also to be able to pull the plants out of the stand-still condition quickly, so we can begin developing selected specimen plants any time we wish.

I hope that other growers will try these lamps in their environmental studies, and will send their findings to *The Begonian*. We all gain knowledge every time somebody makes a report on his experiences. I feel that the Gro-Lux lamps will enable us to start an entirely new series of propagation and growth experiments.

The Members Of
ALFRED D. ROBINSON BRANCH
Extend Greetings and Best Wishes
For Peace and Good Fellowship
For The New Year

Season's Greetings
from

SAN GABRIEL
VALLEY BRANCH

A Very Merry Christmas
and A Happy New Year
To All My

FELLOW BEGONIA MEMBERS
CARL E. NAUMANN, *President*

SLIDE LIBRARY FOR ALL BRANCHES

The slides of the American Begonia Society are available to any Branch of the Society at the request of the program chairman.

There are no charges for their use, but the Branch must pay the postage and insurance both ways. If possible, requests should be made thirty days ahead of the meeting date. The reason that thirty days in advance of the meeting date is requested is because all slides may be out to other Branches, and that allows time to notify you when they will be available.

After they have been shown, prompt return of the slides is expected. As they are easily broken, we ask that you repack them as well as they were packed when received.

Slides are made up for a forty-five minute program unless a larger number is requested. When asking for slides, state whether you wish a mixed group or what.

These slides are for your enjoyment. Use them.

—A. R. Joyce
Slide Librarian

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CALENDAR

December 6 — Westchester Branch:
Christmas meeting and whoopee party.
Members and guests are asked to bring
a \$1.00 gift or plant — \$2.00 maximum.

December 6 — Whittier Branch: Alice
Martin will speak on "Christmas Decorations
and How to Make Them".

December 11 — Knickerbocker Branch:
Christmas dinner. Also an illustrated
lecture by Hertha A. Benjamin, "The
Splendor of Colorado, New Mexico,
and Arizona".

December 13 — Orange County Branch:
Christmas party, gift exchange, decorations,
with prizes for the best. Installation of 1963 officers.
Meeting starts at 7:30 p.m.

December 14 — North Long Beach Branch:
Christmas dinner at 6:30 p.m. Turkey
furnished by Branch. Bring your favorite dish and service.

December 14 — San Gabriel Valley Branch:
Mrs. Mabel Corwin, Mrs. Lola Fahey, and Carl Naumann will
conduct an interesting plant forum. These three can't miss!

January 3 — Westchester Branch:
Round-robin discussion of begonias by members and guests. Start the new year at this meeting.

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MINUTES OF NATIONAL BOARD MEETING

The regular monthly meeting of the National Board of the American Begonia Society was called to order by President Carl E. Naumann at 7:40 p.m., October 22, 1962.

Twenty-seven officers, chairmen, and representatives responded to roll call.

Treasurer Earle E. Budd made the following report: balance \$782.41, income \$807.87, disbursements \$597.71, balance \$992.57.

The report from Florence Gee of the Clayton M. Kelly Seed Fund was read as follows: income \$87.64, expenses \$12.64, remitted to Treasurer \$75.00, balance in revolving fund \$100.00.

The report of Advertising Manager Ruby Budd was as follows: receipts \$60.00, accounts receivable \$17.50.

The report of the Membership Secretary, Dorothea Waddington, was given as follows: new members 57, renewals 135, monies received \$548.75, expenses \$36.02. *Begonians* mailed 2172.

Greetings from the new Texastar Branch were extended to the Board.

Mrs. Arbuckle, Public Relations Director, announced that the Eva Kenworthy Gray Branch, which has been in recess for several months, will meet on the second Saturday of each month at 1 p.m. in the Seacoast Saving Hall, Third and E Streets, Encinitas, California. From 12 noon to 1 o'clock, coffee will be served to those who wish to bring a picnic lunch.

Richard Waddington, Show Treasurer, was not present. Bert Slatter, Show Chairman, reported that all bills for the show have been paid. The show profit is \$315.00.

Mrs. Lola Fahey, Librarian, gave a report regarding establishing the library in her home. There is a great amount of interesting and informative material available. There are many back issues of *The Begonian*, with the exception of the years 1940 and 1941. Ten copies of each year will be kept on file, and twenty-five copies will be kept to draw from. It was suggested that, to dispose of excess copies, bundles of fifty copies be made available to the Branches for distribution to visitors at meetings. George Schlantner moved that all copies judged by the Librarian to be excess should be distributed to the Branches, shipping costs to be paid by the Branches. Seconded by Mrs. Lee, the motion carried.

Mrs. Alva Graham, Nomenclature Director, reported that she had received a letter from Dr. Fletcher of the Council of Nomenclature appointing the American Begonia Society as the international registration authority for begonias. A group in Germany would like to be the registration authority for semperflorens. It was the opinion of the Board that, since this society has been appointed as the authority, the German committee should clear

through the American Begonia Society. Mrs. Naumann moved that Mrs. Graham should write to Dr. Fletcher to this effect. Seconded by Mrs. Olson, the motion carried.

The President read a letter from the Royal Horticultural Society requesting an exchange of publications. It was moved by Mr. Terrill and seconded by Mrs. Graham that this exchange be made. Motion carried.

Ruth Pease, Historian, asked for permission to purchase copies of the pictures taken at the show, for use in the history book. The pictures cost \$1.00 each. It was moved by Mrs. Lee, seconded by Mr. Slatter, that a set be purchased for the history book. Motion did not carry. The Editor has some of these pictures for publication in *The Begonian*, and as soon as he has used them, they can be given to the Historian.

Roy Joyce, Slide Librarian, reported that all slides were in. He asked the Board's opinion regarding having a taped commentary recorded to accompany the slides. It was suggested that the rental cost and availability of the necessary equipment to play the tape be investigated.

Regional meetings in the Santa Barbara and San Diego areas are being considered.

The following Branches reported: Foothill, Glendale, Inglewood, Long Beach Parent Chapter, North Long Beach, Orange County, Pasadena, Riverside, San Gabriel Valley Whittier, Alfred D. Robinson, and San Miguel.

The meeting adjourned at 9:15 p.m.

Margaret B. Taylor,
Secretary

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Branch Directory

VISITORS 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

2nd Thursday, 7:00 p.m., Members' Residences
Mrs. Ruth Cook, Secy.
923 S. Edgefield, Dallas 8, 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
Miss Lenore Schroeder, Secy.
1821 So. 7th St., Alhambra, Calif.

FOOTHILL BRANCH

3rd Thursday, 8:00 p.m.
La Verne Community Bldg.
2039 Third St., La Verne
Mrs. Arma J. Shull, Secy.
313 W. 2nd St., San Dimas, 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
Ruth Worcester, Secy.
3836 West Ave., 43, Los Angeles 4, Calif.

GRAY, EVA KENWORTHY BRANCH

3rd Monday, 7:30 p.m.
Community House, La Jolla
Mrs. Charles Calloway
1311 Torrey Pines Rd., La Jolla, 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 Veree Rd., Philadelphia, Pa.

HOLLYWOOD BRANCH

3rd Wednesday, 7:30 p.m.
Plummer Park, 7377 Santa Monica Blvd.
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. V. O. Harman, Secy.
306 Cody, Houston 22, 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. Elsie M. Willick, Secy.
13214 Merkel Ave., Paramount, Calif.

KNICKERBOCKER BRANCH

2nd Tuesday, 8:00 p.m.
Library, Horticultural Society of N.Y.
157 West 58th St., New York
Murray D. Morrison, Secy.
2109 Matthews Ave., New York 62, N.Y.

LONE STAR BRANCH

3rd Monday, Members' Homes, 10 a.m.
Mrs. M. F. Scribner, Corr. Secy.
1422 Marfa, Dallas 16, Texas

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, Homes of Members
Mrs. Thomas D. Day, Secy.
4056 Hollywood St., Baton Rouge, 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.
Mrs. R. H. Hyatt, Secy.
6812 Hunter St., Raytown 33, Mo.

NORTH LONG BEACH BRANCH

3rd Friday, 7:30 p.m.
3901 Atlantic Ave., Long Beach
Mrs. Alberta Logue, Secy.
6050 Atlantic Ave., 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. #2, Box 43B, E. Delaware Trail,
Medford, N. J.

REDONDO AREA BRANCH

4th Friday each Month
Lincoln School Recreation Center
Ernest & Vail Sts., Redondo Beach, Calif.
Opal Murray Aherne, Secy.
1304 N. Poinsettia Ave., 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, Barbours 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. & Lincoln Way
James C. Miller, Secy.
1962 - 18th Ave., San Francisco 16, Calif.

SAN GABRIEL VALLEY BRANCH

2nd Friday, 8:00 p.m.
Los Angeles State & County Arboretum
501 N. Baldwin Ave., Arcadia, Calif.
Mrs. Melva Small, Secy.
1034 Balboa Dr., Arcadia, Calif.

SAN MIGUEL BRANCH

1st Wednesday, Youth Center, Lemon Grove, Calif.
Mrs. Lloyd Clark, Secy.
2252 Vulner Ct., San Diego, 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
SUNset 2-9234
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. Cora Lemmon, Secy.
316 Moorpark Ave., Moorpark, Calif.

SMOKY VALLEY BRANCH

3rd Thursday of each Month
Mrs. Robert Nease, Secy.
410 South Phillips, 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.
West Side State Bank, Fort Worth, Texas
Mrs. E. E. Flippo, Secy.
1916 Forest Park Blvd., 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. Linkenhog, Secy.
45 Caroline Trail, Houston 24, Texas

WESTCHESTER BRANCH

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

WEST VALLEY BRANCH

2nd Tuesday, 7:30 p.m., Orcutt Playground
Clubhouse
21816 Lanark St., Canoga Park, Calif.
Alice Abrams, Secy.
5310 Tendilla Ave., Woodland Hills, 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.
1225 Ramona Dr., Whittier, Calif.

WILLIAM PENN BRANCH

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



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