

# *The* BEGONIAN

Devoted to the Sheltered Garden



*Courtesy Vetterle & Reinelt*

**TUBEROUS BEGONIA . . Camellia Variety**

VOL. VII — No. 7

JULY, 1940

TEN CENTS

# The BEGONIAN

Monthly Publication of the AMERICAN BEGONIA SOCIETY

Business and General Offices: 757 Athens Blvd., Los Angeles, Calif.

Affiliated with the American Horticultural Society

● Annual Membership Fee, One Dollar per Calendar Year—Seventy-five Cents of which is for a year's subscription to the BEGONIAN. Subscription to non-members, One Dollar a Year.

● Entered as second-class matter January 30, 1940, at the post office at Los Angeles, California, under the Act of March 3, 1879.

● Founded by Herbert P. Dyckman, January, 1932 in Long Beach, California.

● **ADVERTISING RATES:** One inch, one insertion only \$1.25. All other advertising space at \$1.00 per inch. Commission and Cash Discount: Agency commission 15%. Ads contracted for 3 months take 10% discount, for 6 months take 15% discount, for 1 year take 20% discount. Additional 2% cash discount if paid before 10th of month following insertion. Seasonal change in copy allowed.

## OFFICERS

FRANK M. HARRISON - - - - - *President*  
712 East Hardy Street, Inglewood

HERBERT P. DYCKMAN - - - - - *Vice-President*  
141 West 53rd Street, Long Beach

J. N. NUTTER - - - - - *Secretary-Treasurer*  
*Membership Fees*  
1050 East 19th Street, Long Beach

RUBY W. LIEDLER - - - - - *Corresponding Secretary*  
*Information*  
5858 California Avenue, Long Beach

L. E. DAY - - - - - *Research Director*  
2602 Aiken Avenue, Los Angeles

DR. W. N. CASELEY - - - - - *Past-President*  
602 F. & M. Bank Bldg., Long Beach

MISS LENA HIGGINS - - - - - *Director-at-Large*  
Long Beach, California

MRS. H. R. MORRIS - - - - - *Director-at-Large*  
Ventura, California

## STAFF

PAULINE NEY - - - - - *Editor*  
3112 West 81st Street, Inglewood

H. LINWOOD WHITE - - - - - *Eastern Editor*  
53 Poplar Street, Danvers, Mass.

MRS. C. H. HARRIS, TW 9376 - *Business Manager*  
757 Athens Boulevard, Los Angeles

MRS. H. W. BRIDGES - - - - - *Representative*  
2613 Ashby, Berkeley

CLARENCE A. HALL - - - - - *Public Relations Director*  
485 Jones Street, Ventura

RUDOLF ZIESENHENNE - - - - - *Nomenclature*  
1130 No. Milpas Street, Santa Barbara

MARTHA GREEN - - - - - *Staff Photographer*  
1317 Chester Street, Inglewood, Calif.

## HONORARY DIRECTORS

ALFRED D. ROBINSON Point Loma, Calif.	Mrs. H. H. BUXTON Peabody, Mass.	T. H. GOODSPEED Univ. of California	M. B. DUNKLE Long Beach, Calif.
FRANK REINELT Capitola, Calif.	GEORGE OTTEN Seaside, Oregon	T. H. EVERETT N.Y. Botanical Gardens	CLAYTON M. KELLY Long Beach, Calif.

HERBERT P. DYCKMAN, Long Beach, Calif.



THE EDITOR felt a bit low just before going to press this month because the staff had planned on a 20-page magazine and while we had the ads to warrant it, lack of material of the quality we wish to carry in the BEGONIAN was not there.

So, believing that our correspondents had let us down we got out the old shears and re-vamped the entire layout so it would appear in reasonably good form.

First thing Monday we headed for the printers, turned dummy, copy and pictures over to them and proceeded to see "Gone With The Wind."

Returning that afternoon we found the mail box loaded with material that would have meant a great deal to the staff two days earlier. And to be perfectly frank we don't know which gives one the heaviest dose of that all-gone feeling—lack of material before press time, or too much after the dummy is made up and in the hands of the printer.

Any publication has to have a deadline. And the printers set a deadline for us; if we don't meet it, it not only delays the BEGONIAN but causes confusion at the mailing house.

The American Begonia Society is no longer a neighborhood garden club. It is an international society represented by **the only publication of its kind in the world**—"devoted to the sheltered garden." It is published each month through the efforts of its officers who donate their time and knowledge to it for love of a hobby.

The staff would welcome copy from all the members of the ABS. But please get your copy in before the 15th of each month. If you wait until the last minute something will come up to throw a monkey-wrench into things and we, being at the half-way mark in our regime, would like the last six months to far surpass the preceding ones.

Your cooperation will be an incentive for us to meet the demands for more and better material, questions and answers and a bigger BEGONIAN.

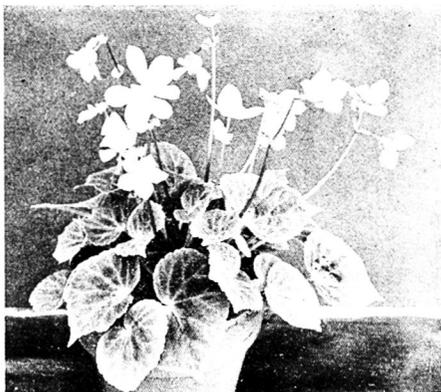
# BEGONIA DAVISII

by RUDOLF ZIESENHENNE, Director of Nomenclature

**B**EGONIA DAVISII, Veitch. This begonia was collected by Mr. Davis, an Englishman, for Messrs. Veitch, near Chupe, Peru, at an elevation of 10,000 feet. It flowered for the first time under cultivation at the nursery of Messrs. Veitch in July, 1876. It is an excellent pot plant and may also be used in the shaded rock garden or wall garden. It was introduced into the nursery trade in 1879.

Davisii, Veitch, is one of the parents of the multiflora type tuberous begonias. In the past, several very good double varieties of this plant were produced, among them being Davisii hybrida flore pleno, Davisii flore pleno, Davisii plena superba, Davisii lutea plena, Canary Bird, M. Casset, and others. Plants of this type were low-growing. Some of the single named varieties were Miss Constance Veitch, Scarlet Gem, Novelty, and Mrs. Arthur Potts. Unfortunately none of these hybrids are now in cultivation.

The culture of begonia Davisii, Veitch, is the same as for the tuberous hybrid begonias. Propagation is usually by seed, although cuttings may be used as well as divisions of the tuber.



*Begonia Davisii, Veitch.*

*Life size of plant to top most flower—six inches*

Botanically this species belongs to section Huszia, Klotzsch, along with *B. octopetala*, *L'Her*, *Veitchii*, *Hook. F.*, *B. rosaeflora*, *Hook. F.*, *Froebelii*, *A. DC.* & *B. Baumanii* Lem. The plants in this section are mostly tuberous.

Description: Root tuberous, almost round, of a greenish-brown color and small. The plant will grow to a foot tall, its very short stems being numerous, succulent, green with a touch of red, and having few scattered

downy hairs. The leaf stems are up to five inches long, greenish with pale red stripes, with few scattered downy hairs, with a red area about a quarter of an inch long at the end of the stem where it joins the leaf. Leaf slanting, round heart-shaped,  $4\frac{1}{2} \times 3\frac{1}{4}$  inches in size, is a glossy dark green above, with broad nerves slightly raised; underside the veins are green and the leafblade reddish, with few scattered hairs. Margins are scalloped-toothed, with hairs protruding occasionally from the teeth. Flower stems, carried from the leaf axils, to 7 inches long, are red and free of hairs. Scarlet flowers appear from two to five on a stem, males being four-petaled, about  $1\frac{1}{2}$  inches in diameter. The backs of the petals are lighter. The few stamens are held by filaments separated from the flower base. Female flowers are 5-petaled, the vertical petals being larger than the horizontal ones as in the males. Seed pods are three-winged, one of which is much longer than the others, the three-celled placenta being divided into two folds with seeds produced on the four surfaces. Stigmas are three-divided. Each stigma is divided into two segments which are screw-like, with two twists.

featuring . . .

## RAT'S NESTS

### \$1.00 per Sack

Make your lawn like new and save 20% to 30% on your water bill

Use Nature's Best LEAF MOLD  
Per Sack—45c                      3 Sacks—\$1.00

111 West Buckthorne Street  
Near Grevillea in Inglewood

## FUCHSIAS

3" Pots - - 15¢

Newer Varieties - 25¢

## Rexes — Ferns

# LEWIS'

## Begonia Gardens

3 Miles South of Whittier Blvd.  
3 Miles North of Firestone Blvd.  
300 BURKE ST. RIVERA, CALIF.  
(Off Rosemead Blvd.)

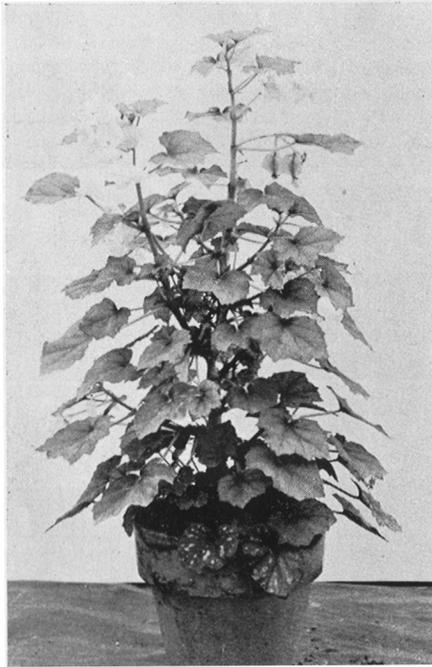
# BEGONIA DREGEI

by RUDOLF ZIESENHENNE,  
Director of Nomenclature

**B**EGONIA DREGEI, Otto & Dietrich, was named by Otto and Dietrich for its discoverer, F. J. Drege, a German collector, who found the plant in 1836 growing at an elevation of 4000 feet on the Natal Mountains in the Cape of Good Hope, South Africa. This plant is the same as *B. caffra* Meisner, *parvifolia* Graham and *reniformis* Hort. (hortorum — of the garden).

Dregei is an excellent pot plant and succeeds well indoors when it is placed in a position to its liking. During summer it may be planted out of doors either in the soil or by submerging the pot into the soil. It may be planted in the regular fibrous begonia soil mixture. The plant may be propagated by

Description: The root is tuberous and often attains the diameter of four inches. Unlike *Davisii*, *Pearcei* and the tuberous hybrids, the stems do not die down to the tuber as woody tissues extend through the swollen stem base and up into the stems. During the rest period the stems remain either with or without leaves and when that period is past, growth is resumed. Frost will kill the plant down to the tuber and if it is at or above the surface of the soil, it too will suffer. The growth is upright, to two or three feet, but if support is given, a greater height will be attained. The mature stems, much branched, are brownish in color like the tubers; the little appendages on the stem where the leaves come off (stipules) remain for quite a long time and are papery and brown, of a triangular shape,  $\frac{3}{16}$  inch wide and  $\frac{3}{8}$  inch long. The leaf stem,  $\frac{3}{4}$  inch long, is reddish but lighter than the main stem. The leaves are unequal, heart-shaped,  $1\frac{3}{4} \times 1\frac{1}{4}$  inches, terminating to a point. The margin is slightly lobed and toothed. The upper side of the leaf is a bronze-green color, with deep red veins and a red spot where the leaf joins the stem. Seedling plants will often have small spots or circular rings of a silver color on the early leaves. The underside is purplish red while occasionally only the veins are colored and the leaves are light green. The flowers are produced near the tops of the stems during the summer. The flower stem, which grows from the leaf axil, carries three male and two female flowers. In the house or in a shaded glasshouse, the flowers are white, but when they receive strong sunlight through a window or are grown out of doors under lath alone, the flowers are tinged with pink or rose. Plants raised from seed vary in this regard. (At any rate, the ability to color shows that the rose in *Weltoniensis* Clark was obtained from *Dregei*, Otto & Dietr. when it was obtained by crossing *Sutherlandii*, Clark, with *Dregei*, Otto & Dietr. The rose color of *Weltoniensis*, Clark, has been a mystery to the hybridizers and was an inexplicable problem). The flower stem is short and usually just long enough to carry the flowers out beyond the leaves. The male flowers have two petals which are almost kidney-shaped, being wider than long. The anthers are each carried from the flower base by its individual filament. The females have five petals. There are three stigmas, each having two screw-like branches with one twist. The seed pod,  $\frac{3}{8}$  inches long, has three wings of which one is slightly longer. The pod is three-celled and seed is produced around the solid placenta.



*Begonia Dregei*, Otto & Dietrich  
Life size of plant—one foot tall.

stem cuttings, seeds, or by division of the tuber (this latter practice is not usually advisable as it endangers the parent plant.)

Being an excellent seed parent, *Dregei* was used as such to produce "Gloire de Lorraine" (*Socotrana* Hook x *Dregei* Otto & Dietr.) as well as *Weltoniensis*, Clark (*Sutherlandii*, Hook fil. (son) x *Dregei*, Otto & Dietr.)

Botanically this species belongs to the section *Augustia* Klotzsch.

Devoted to the Sheltered Garden

## National Garden Show Treasure Island — May 25th to September 25th

### COME TO OUR "FAIR IN FORTY" SHOW

Look For the Exhibit of The AMERICAN BEGONIA SOCIETY

#### Portals of the Pacific



**A**LL AMERICANS should have the opportunity of visiting Treasure Island this year where they will see depicted: "America! Cavalcade of a Nation!"

In 28 scenes it will unfold the panorama of this country's development, from the coming of Columbus to the present era.

Members of the ABS however, will have an added incentive for attending as the East Bay Branch is exhibiting in one of the most important spots on the Island which is being attended by thousands daily and where ABS literature is being distributed by East Bay members under the direction of Mrs. Harriette Bridges, northern representative of the Begonian.

On July 22 from 3 to 5 o'clock, East Bay branch members will serve tea in the Hostess House and at 8 p.m. that evening the regular monthly meeting will be held in the gardens. Plan your vacation trip so you may have the added pleasure and thrill of visiting, meeting and enjoying the hospitality of our Bay District members.

● **EAST BAY:** Meets fourth Monday in each month at the Berkeley City Hall, in the Council Chambers at 8 p.m.

● **GOLDEN GATE BRANCH:** Meets the first Wednesday of each month at 1060 Francisco St., San Francisco, at 8 p.m.

# FIBROUS BEGONIAS

Answers Supplied by MRS. BESSIE BUXTON, author of "Begonias and How to Grow Them", Peabody, Mass.

Q. What type of fibrous begonia can be used attractively in hanging baskets?

A. *Manicata aureo-maculata* grows well in a hanging basket. It must have a sunny window to develop good color, and sandy soil. Then the white spots will flush pink, and the edge of the leaf will have a hair line edge of red. The pink flowers come in the Spring. *B. glaucophylla* has the true trailing habit, and is a winter bloomer. The leaves are smooth, light green, deeply veined, with slightly ruffled edge. The flowers are coral-red, the buds striped with white. Marjorie Daw, which is a cross between *glaucophylla* and *rubra*, also grows well in a hanging pot, and *Foliosa*, the fern-like begonia is very beautiful grown in this way, for the fern-like sprays hang gracefully. *B. glabra* may be grown in a hanging pot, or it may be staked; either way is good. *B. scandens alba* may be grown in a hanging pot, if you wish, but it always remains small so does not "hang" very much. Sometimes *B. sunderbruchi* looks well in a hanging pot—it depends on the way your plant grows. It may have an upright habit, and it may droop gracefully. Almost any of the rhizomatous group may develop a hanging form, and look well in a hanging pot.

Q. Are *Alba Scandens* and *Glaucophylla* considered fibrous begonias?

A. Yes, as far as I know, but I confess I have never looked closely at the roots. When I transplant them, I am anxious to disturb the roots as little as possible.

Q. What makes *Alba Scandens* drop its leaves in the Fall?

A. Pure cussedness, I believe. The handsomest—and the poorest plants I ever saw, were grown by the same grower—an expert—in two different years. I saw them in the Spring each time, so it is not always in the Fall that the leaves drop. It is difficult to grow.

Q. Will fibrous begonias propagate from leaf cuttings?

A. Some will — notably *phyllomaniaca*, and the rhizomatous types, but cuttings are quicker and surer for most of them.

Q. Do fibrous begonias require an acid soil?

A. Yes, acidity produced largely by leaf mold.

Q. Will fibrous begonias do better when planted in the ground or in a pot?

A. The cane types, and all the strong growers do better in the open ground, but

become too large to pot in the fall, so cuttings should be taken in the Spring and grown on in pots, ready for the Winter. Delicate types should not be risked in the open, nor those with velvety leaves, like *Cathayana*, or the *Smaragdina* group.

Q. Does pinching back cause the fibrous varieties to branch out?

A. Yes, with the sturdy growers, but not with the delicate ones, except with great discretion.

## GREEN TREE FLOWER GARDENS

5343 Greene St., Germantown, Phila., Pa.

We grow more than 200 varieties of —

## RARE BEGONIAS

Tuberous — Hardy Evansiana

Description Book, Culture, etc., 50 cents

## AUGUST EGLI

—Landscape Designer and Contractor—

ROTOTILLER SERVICE

Best Soil Preparation for Lawns,  
Nurseries, etc., by hour or contract

ASHberry 9189 Berkeley, Calif.

No. 38 Avon Road

## ROSE CROFT BEGONIA GARDENS

530 Silvergate Ave. Point Loma

Established in this one location  
since 1902

A most complete assortment  
of lathhouse subjects

BEGONIAS and FUCHSIAS  
OUR SPECIALTIES

—Proprietors—

ANNIE C. and ALFRED D. ROBINSON

## BUNGALOW NURSERY AND FLOWER SHOP

—specializing in—

## Tuberous Begonias

NOVELTY and BEDDING PLANTS  
FUCHSIAS and ROSES

You will enjoy a visit  
to our Beautiful Nursery

At center of Colma turn east on Market  
to Hillside Boulevard, then turn right

—Catalogue on Request—

Hillside Boulevard

Colma, Calif.

Randolph 3718

# Rex Begonias

Answers Supplied by  
**WILSON'S BEGONIA GARDENS,**  
 Downey, California.

Q. I have been told to remove all blooms from the rex begonias as soon as they appear. Is this correct?

A. We remove the blooms in the Fall so as to conserve their strength for Winter.

Q. Do rex need more shade than tuberous and fibrous begonias?

A. Yes.

Q. Do rex begonias do better as a potted plant than when planted in the ground?

A. Excellent plants can be grown either way providing good oak leaf mold is used.

Q. When should rexes be re-potted?

A. When the roots reach the bottom of the pot, which is as often as three times a year.

Q. Do rex begonias need fertilizing?

A. Attention to re-potting at the proper time has proven much more beneficial than using fertilizers.

Q. Does rex begonia seed come true?

A. No. The practice of growing from seed is for the purpose of obtaining new varieties of outstanding merit.

Q. How can I bring out the natural coloring in rex leaves?

A. Avoid too much sun and drying winds.

Q. What other plants look well in a rex begonia grouping?

A. Ferns, gloxinias, impatiens, streptocarpus, semperflorens.

# Eleventh ABS Baby



• Organization of the Santa Barbara Branch of the ABS was completed at a meeting of begonia growers at the home of Mr. and Mrs. W. B. Frey, 1820 Laguna Street, Santa Barbara.

The following officers were elected:

Rudolf Ziesenhenn.....President  
 Mrs. Elsie Frey.....Vice-President  
 Mrs. Harriett Worden.....Secy.-Treas.

Clarence A. Hall, Public Relations Director, welcomed this branch into the American Begonia Society.

Mr. W. T. Kemper, president of the Theodosia Burr Shepherd branch, talked on the growing conditions in Santa Barbara. He prophesied a large, lively branch for us here.

Mr. Weitz told about the making of the By-Laws for Ventura.

Ventura members present were W. T. Kemper, president, and Mrs. Kemper, Mr. and Mrs. C. A. Hall, Mrs. Rudolph, Mr. and Mrs. H. L. Weitz and Austin Perley.

Santa Barbara members were Mr. and Mrs. Rudolf Ziesenhenn, Mr. and Mrs. W. B. Frey, Mr. and Mrs. Arnold Peep, Mr. and Mrs. George Worden, V. J. Ciriali, Mrs. J. L. Frank, Fred D. Jackson, Mr. and Mrs. James Wait, Miss Mable Reynolds, Miss Elsie Frey, Mrs. R. B. Hunt, Mr. and Mrs. Lloyd Perkins and Mr. and Mrs. John Morrell.

Refreshments were served and Mrs. Frey's begonia garden visited.

The Ventura members brought to us such a feeling of true friendship and encouragement that it was with regret that the meeting was adjourned. A regular meeting date will be announced soon.

In Ventura—In California—In U.S.A.  
 The largest wall garden and display.  
**BEGONIA and**  
**RARE FERN GARDEN**  
 . . . Visit . . .  
**Kathryn Weitz**  
 1655 Thompson Blvd.          Ventura

**Piedmont Nursery**  
 —specializing in—  
**Fuchsias & Pelargoniums**  
 HANGING BASKET VARIETIES  
 OF HIGH QUALITY  
 29 Glen Avenue, off Piedmont, at 40th  
 Oakland, California  
**OL 6355—if no answer—OL 1583**

**PIEDMONT GARDEN and SUPPLY CO.**  
 —MOST COMPLETE IN BAY AREA—  
 Rollers Loaned          All Kinds of Seeds  
 Insecticides          Garden Tools  
 Fertilizers          Lawn Mowers  
 Barbecue Equipment      Stepping Stones  
 Hayes Spray Guns      Dog Food  
                                 Curly Redwood and Grape Stakes  
**4367 PIEDMONT AVENUE**  
**Piedmont 0057 Phones OLYmpic 4135**

# Tuberous Begonias

Answers Supplied by **FRANK REINELT** of Vetterle & Reinelt, Capitola, Calif.

Q. Should tubers used in baskets be pinched back to make more attractive? If so, when should this be done.

A. When the first bud shows, pinch the heart out only to make them branch.

Q. How much sun should tuberous begonias get to produce many flowers?

A. None directly, but as much light as possible without burning.

Q. How should they be fed?

A. Either weak liquid manure or mix cottonseed meal in the soil which goes in the bottom of pot. They will reach it in time when necessary. Feed sparingly at all times.

Q. Can I still take tip cuttings from my tuberous begonias?

A. You can anytime if growth is not too far advanced. When sprouts from tubers reach three to four or more inches they can be directly cut off at the base and rooted in sand. Cuttings without basal ring will not root nor form tubers.

Q. Should we re-pot our tuberous begonias after they are in bloom?

A. Yes, if necessary.

Q. How do you divide a tuber to get more of the same plant?

A. Either cut tuber in half if sufficiently large early in Spring when it starts showing life. Charcoal the cuts and expose to sun for few days to heal for planting. Better method is to take cuttings from large tubers.

Q. Are tubers only good for one year?

A. Tubers are good for as long as you keep them healthy. There are tubers in existence over twenty-five years old, reaching enormous size and still growing as strong as ever.

## OAKLAND PLANT & POTTERY CO. LANDSCAPING

Fish Ponds, Patios, Barbecue Pits, Walls,  
Rock Work Contracted, Garden Rock  
Caeti and Succulents Stepping Stones  
Wholesale & Retail Established 10 Years  
7740 Foothill Blvd. TRinidad 0705

## PELARGONIUMS

(Lady Washington Geraniums)  
Experimenting with Pelargoniums for 30 years has resulted in originating many most outstanding new varieties. Also all standard varieties listed.

Received Award of Merit at Golden Gate International Exposition 1940  
Visitors welcome daily. Free picnic grounds.

**GREAT LAKES NURSERY**  
SARATOGA, CALIF.  
(Clara Sue Jarrett, Prop.)

# Back Numbers Valuable

• Beginning this month, new members may still receive all back numbers of the Begonian, or pay 10c a month for the remaining months of 1940, plus \$1.00 for the year 1941. Our bookkeeping system and lack of sufficient office help makes it necessary that all memberships end with the month of December. We cannot accept memberships for less than a year. **One dollar paid at any time will entitle the new member to the twelve Begonians issued during that year.** \$1.60 will entitle the member to the July to December Begonians of this year and to the twelve issues of 1941.

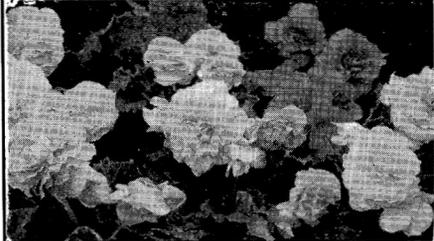
We still have a few complete volumes of the 1939 Begonian which may be had for \$1.00 as long as they last.

Send direct to J. N. Nutter, Treasurer, 1050 E. 19th St., Long Beach, Calif.

## MONTALVO GARDENS

- BEGONIAS
- RARE PLANTS
- FERN S

4455 Montalvo Ave. San Diego



PACIFIC STRAIN  
of

# TUBEROUS BEGONIAS

NEW DEVELOPMENTS  
and

LARGEST SELECTION of  
ALL TYPES and COLORS

—Ask for Catalog—

**Vetterle & Reinelt**  
Capitola, California

# Alfred D. Robinson to Welcome Members



THE ANNUAL pilgrimage to Rosecroft has been set for Sunday, July 14, where, at 11 a.m. Mr. Alfred D. Robinson will speak to those who are fortunate enough to make the trip.

For the benefit of newer members of the Society and those who are not familiar with this annual visitation we will say that this is one of the important events on the yearly calendar and you and your friends will anticipate next year's pilgrimage as much as those who have made the trip each year look forward to another.

Rosecroft Begonia Gardens are at 530 Silvergate Avenue in Point Loma, a few miles north of San Diego. Those who wish to bring a picnic lunch may enjoy it in a huge parking space adjacent to the Gardens.

Plan your day to take in the Montalvo Gardens at 4455 Montalvo, San Diego, where Mrs. Ella Marguerite Fewkes will welcome new members and greet old friends.

## Ventura Visitation

Members of the Theodosia Burr Shepherd Branch at Ventura will open their gardens on Sunday, August 11 to Begonians and their friends.

Some large estates with lath and glass houses filled with some of the rarest specimens of plants to be seen in any private gardens will be included in the complete list of addresses which will appear in the August Begonian. Make a note now to keep this day, AUGUST 11, open for a wonderful trip and a taste of the well-known Ventura hospitality.

Mrs. Swanson of Ben-My-Chree, c/o Carcross, Alaska, would like to correspond with other members of the ABS.

### VITAMIN B 1

#### NUTRIENT SOLUTION

*Fertilize your potted plants and garden the practical, inexpensive way*

One quart of the base solution makes 250 quarts of fertilizer  
—\$1.00 delivered any place—

Small quantities may be applied to potted plants at rate of one teaspoonful of base solution to one quart of hydrant water.

#### CALIF. LIQUID FERTILIZER CO.

38 Pico Street Pasadena, Calif.  
Phone SYcamore 6-4974

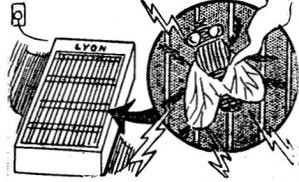
REX — FIBROUS — TUBEROUS

### HILLCREST

BEGONIA & POTTERY GARDENS

14840 Foothill Blvd. P.O. Box R1 718  
San Leandro, California

DEATH



TO ALL DESTRUCTIVE WINGED INSECTS!

Protect your plants with the best and most economical electrocutors on the market. Fully guaranteed. No. 50 Motor Insect Lantern for the nite-fliers; and No. 36 Fly Electrocurator for day-time pests.

—Send For Money-Saving Details Today!—

LYON ELECTRIC CO.  
DEPT. B. SAN DIEGO, CALIF.

A Square Meal for Your Garden

PlantSmith's  
**SPOONIT**

CONTAINS VITAMIN B1  
The "EASY-TO-USE" Fertilizer

Send 10c and your dealer's name  
For 35 gram trial can, postpaid

—Endorsed by Begonia specialists—

**PLANTSMITHS**

P. O. Box PS Carmel, Calif.

## Montclair Nursery

Announcing Our  
New Location

6211 MEDAU PLACE  
AT MOUNTAIN BOULEVARD

—In The Montclair Business Center—

—SPECIALIZING IN—

Tuberous Begonias  
Pelargoniums  
Fuchsias

and

Complete  
General Nursery Stock

# Semperflorens Begonias

Answers Supplied by J. N. NUTTER  
Treasurer of the ABS.

Q. What varieties of semperflorens begonias (bedding) grow well in full sun?

A. In Long Beach nearly all varieties are found growing well in full sun. Farther inland, they do much better in semi-shade.

It is doubtful if any varieties can withstand the terrific heat of our central states without adequate protection from the sun and hot winds.

Q. Should bedding type begonias be cut back in the Fall?

A. Yes. Many of them will make good plants the next Spring. It is a good idea to make plenty of cuttings, however, as the mortality rate is sometimes rather high, and the new plants are usually nicer than the old ones.

Q. Can you propagate semperflorens from cuttings?

A. Yes. Most types can be propagated very successfully from cuttings. It is best to take the little sprouts from the base of the plant. See Mrs. Buxton's Begonia Book, page 95.

Q. Name some of the dwarf varieties.

A. This depends largely upon what you mean by "dwarf" and under what conditions the plant is raised. Two favorites in this vicinity are Tousandschoen and Pink Pearl. Bijou de Jardin is a dainty little plant, well worth while. Luminosa grows about eight inches tall, has bronze foliage and fiery red flowers. Pink Luminosa and Snow Queen are good. Carmine has beautiful mahogany-red foliage and bright pink flowers.

Q. Can semperflorens be used in hanging baskets?

A. All except the tall-growing plants make nice hanging baskets, especially when used with other plants, such as trailing Lobelia, Ivy Geranium, Browallia, etc.

One of the nicest little semperflorens that I have seen is Gustav Lind, commonly called Westport Beauty. It has deep pink, double flowers and makes a lovely pot plant. It is very temperamental, however, so you had

## VITAMIN B-1

50 Cents and \$1.00

For use in the treatment of cuttings, transplantings, and growing plants in general

### Indole ACETIC ACID 50c

"ROOTING OF CUTTINGS"

book by GEO. C. WARNER and F. W. WENT of Caltech

Price 25 Cents

**LEO J. MAGUIRE**  
165 No. Hill Pasadena, Calif.

## ACTEEN "Plant Pab-U-Lum"

FERTILIZER AND SOIL CONDITIONER

*Furnishes Available Foods  
Gives Abundant Reserves  
Keeps Soil in Balance*

Making Soil Healthy — and Easy to Work

**Acteen Chemical Service Co.**

2118 Fourth St. Berkeley, Calif.

## H O P K I N S BEGONIA GARDENS

*TUBEROUS BEGONIAS A SPECIALTY*

Visitors Welcome . . . . Closed Saturdays

3717 Hopkins St. Oakland, Calif.

## Redwood Begonia Garden

—CHOICE—

### Tuberous Begonias

AND SEEDS

### Streptocarpus and Plants

AND SEEDS

### Ferns and Daphne

—Open Sundays—

Telephone Redwood 1561  
1105 Madison Ave. Redwood City

better get several and scatter them around in different situations. If only one or two should thrive you would be richly repaid for your trouble.

Another  
PESTLESS  
Product

# LIQUID GROW B1

## THE LIQUID FERTILIZER CONTAINING VITAMIN B1

Particularly Recommended for BEGONIAS and other Shade Loving Plants

THE CHOICE OF WINNERS

# Series of Non-Technical Descriptions



WITH THIS ISSUE of the *Begonian*, the Nomenclature Department is inaugurating the publication of non-technical descriptions of Begonias now in cultivation. There is an urgent need for descriptions understandable to the layman and of sufficient detail to enable each member to identify all of the plants in his collection.

A photograph of the variety described will accompany each description for it is felt that a picture of a plant is very helpful if supplemented by a detailed description which points out the main characteristics and also presents details which are too small to show up in the photograph. For this purpose only small, typical specimens will be used in order to get a close view so the details of the leaves and flowers may be seen. In cases where plants differ only in leaf shape, the various leaves will be photographed together.

The descriptive material will be drawn up from living plants and will be checked with the true botanical descriptions. The differences between closely related varieties will be pointed out.

It must be taken into consideration that the environment of the plants as well as the cultural methods employed will to a certain extent make the various plants vary in color of flower, leaf and stems, size of plant and nature of growth. For example *Coralline de Lucerne* may be only a foot tall and sometimes "leggy" and have rose or pink-colored flowers when grown indoors while out in the garden plants six feet tall are common and twelve foot plants may be seen with beautiful clusters of red flowers.

The name which follows the begonia name designates the man who first described the plant and it is truly a part of the plant's name. In many cases the same name has been applied to different plants of the same genus and in these cases the man's name attached to the plant name is the only way of signifying the difference. For example, there is *parvifolia*, R. Grah., which is the same as *Dregei*; *parvifolia*, Klotzsch, from Brazil; and *parvifolia*, Schott, also from Brazil. In each case the plant listed is different from the others.

In addition to giving the description, the history of the plant, its use, culture, and propagation will be given. For those who have a much deeper interest in the study of the *Begonia*, the botanical position (section) of the plant in the genus will be given, showing what other species are closely related to it.

Later a key will be presented to aid in determining the various species and varieties.

The Nomenclature Department welcomes any suggestions which will help to make this department more useful.

BARFOOT SPRAYS are "kind" to Begonias, Gloxinias, Fuchsias and all other delicate plants. They provide the desired pest control whether used under cover or in the open.



The 1940 ILLUSTRATED SPRAY CHART and RECORD will be sent to BEGONIAN readers FREE upon request.

J. A. BARFOOT & CO. 2469 Porter Street, Los Angeles, Calif.

## Ventura ABS Member Wins Bronze Medal

• Mrs. W. O. Monmonier, owner of the Epiphyllum Gardens of Ventura, Calif. was awarded a bronze medal in the cut flower, cactus division, of the New York world's fair flower show.

Mrs. Monmonier shipped her entry to the New York fair via air express through the local Railway Express agency. The flowers left Ventura at 5:42 a.m. Friday, June 14 and arrived the next morning at 9:15 in New York.

• Anyone living in the vicinity of Redwood City, Calif., interested in a branch of the ABS, write to Mrs. Verna Schath, 1105 Madison Ave., Redwood City.

• Dear Editor: I believe this would be a very good time for you and I to pause in our work long enough to thank everyone who has helped us obtain advertising for the Begonian. This should include Mrs. Liedler and Mr. Williams of Long Beach, Mrs. Nicklow of Los Angeles, Mrs. Elva Hartley and Mr. Harrison of Inglewood, Mr. Hall of Ventura, and particularly Mrs. Harriette Bridges in Berkeley.

—Mrs. C. H. Harris, Adv. Mgr.

Bulbs - Seeds - Shrubs - Pottery

### 85th - NORMANDIE NURSERY

8481 South Normandie Avenue  
Phone TH 7301 Free Delivery

WM. FRUEHE

W. E. SPARKS

### Tuberous Begonias Coleus - Orchids Gloxinias

We have 9,000 sq. ft. under glass and lath. Come and see them.

## BORCHERT Flower Nursery

Euclid Ave. South of Ball Road  
Anaheim, California

3 Miles North of Garden Grove  
1 Mile South of Manchester Ave.

### TUBEROUS BEGONIAS

LATHHOUSE PLANTS VISITORS WELCOME

CINERARIA SEED

### Tyson's Begonia Gardens

(Opposite Paxton's Papaya Conservatories)

Encinitas, California

### METS NURSERY

2242 E. Main Street Ventura

—Visit Our Gardens—

FULL OF RARE AND EXOTIC PLANTS

### —EPHYPHYLLUMS—

SPECIAL OFFER Good up to Nov. 1, 1940

—25% Discount on ALL Catalog Prices—

UNROOTED CUTS 6 to 8 INCHES

Small plants out of 1-qt. containers, ready for larger. Many have already flowered. With care these should flower next Spring.

Ventura Epiphyllum Gardens

201 McFarlane Drive Ventura, Calif.

### Dr. J. Burton Van Gelder

O.D., D.C.

Optometric Eye Specialist

—28 Years in Practice—

323 East Manchester Blvd.  
Inglewood, Calif.

### OAK LEAF MOLD

Best Quality - Clean - Well-Rotted

35c per Sack

50 Sacks or more at 30c per Sack

### A. L. Dickenson

627 West Palmer

Compton



Tuberous, Rex & Fibrous

SHADE PLANTS

Fancy Leaved

CALADIUMS

GLOXINIAS In Bloom

WILSON'S

Begonia Garden

862 W. Firestone Blvd.  
Downey, Calif.

### Alexander B. Sim

305 North Sepulveda Blvd.

(Highway 101) Manhattan Beach

BEGONIAS - FERNS - FUCHSIAS

Tuberous Begonias

All Varieties and Prices

ENGLISH PRIMROSES

SHADE PLANTS

—Visitors Welcome—

# FIBROUS BEGONIAS

Q. How can one get more plants from Scharffiana?

A. This begonia comes readily from seed. Seed seems to be most fertile if the plant is exposed to strong sunlight (under lath) and hand pollinated.

Q. What are Loma Alta and Morgana?

A. These are California seedlings of the Thurstoni type but with larger leaves and blooms very handsome.

Q. Can the fibrous types of begonias and rex begonias be planted under the same spaced lath for good results?

A. Rex begonias like more shade but the two types are growing side by side in many lathhouses.

Q. What is a good potting soil for fibrous begonias?

A. Our mixture is one-half leaf mold, one-quarter cow fertilizer, one-quarter sandy loam composted in four-inch layers over some months. Charcoal and a sprinkling of Vigoro help.

Q. Name a few summer-blooming begonias.

A. The Lucerne and Rubra families. Tuberous, Fuchsioides, Multiflora Rosea, Ricinifolia, the bedding types. In fact at least seventy-five percent of all begonias.

Q. I have seen a plant called Prunifolia with shiny leaves and one with hairy leaves. Which is Prunifolia?

A. The hairy one.

Q. When is a good time to fertilize fibrous begonias and what is a good fertilizer?

A. When in full growth, practically all summer. Rosecroft uses Floranid and Vigoro.

Q. When is the best time to move begonias?

A. When they are growing—not in their resting periods.

Q. Does it do harm to wet rex begonia leaves?

## FAIRYLAND

HYBRID BEGONIAS

New - Fragrant - Tuberous Begonia

"WILD ROSE"

PLANTS — \$1.00 per Dozen

TUBEROUS — FIBROUS

REX, GLOXINIAS

**Leslie Woodriff**

205 South Inglewood Avenue  
Inglewood, Calif.

Answers Supplied by ALFRED D. ROBINSON of Rosecroft, Point Loma.

A. The rex begonia species comes from a country with 400 inches of rainfall in a year. Wetting the leaves is absolutely beneficial if not done when the sun hits them or when the moisture pools on them.

Q. In planting begonias outside what is the best exposure?

A. Generally the North side if not exposed to wind. However, good specimens are to be seen facing all points of the compass.

Q. How often should begonias be watered?

A. The roots of begonias are small and very near the surface which calls for moisture there and this may mean watering every day most of the summer.

## KNECHT'S Patio Garden

1623 Thompson Blvd. Ventura, Calif.

—The Home of—

Potted Plants, Fuchsias, Begonias,  
Ferns, Rare Plants

## ● FUCHSIAS

Tuberous - Rex - Fibrous

## ● BEGONIAS

—REASONABLE PRICES—

11016 Freeman Ave. Lennox

## LEAF MOLD

—from—

SAN DIEGO COUNTY  
SCREENED FOR POTTING  
UNSCREENED FOR BEDDING

—also—

Peat and Fertilizers

**A. E. SPHAR**

12810 South Western Avenue  
PL 3258 Los Angeles

FOR RESIDENTS OF  
LONG BEACH

Same Quality Leaf Mold

—see—

**SMITH NURSERIES**

2650 Elm Ave. Phone 445-89

## Watch Us Grow!

### CALIFORNIA

Mrs. Virginia Humphry  
521 W. Longdon Ave., Arcadia, Calif.  
Mrs. B. L. Miller  
927 Angelino Ave., Azusa, Calif.  
Mrs. I. Wardman  
244 West 4th St., Downey, Calif.  
Mrs. Fred W. Shoemaker  
3119 West 81st St., Inglewood, Calif.  
Mrs. Marjorie Shaw Doyle  
P. O. Box 732, Laguna Beach, Calif.  
Miss K. S. Sneve  
7328 Olivetas Ave., La Jolla, Calif.  
Miss Ruth Pitcher  
1054 Ohio Ave., Long Beach, Calif.  
Mrs. I. H. Worman  
240 W. 10th St., Long Beach, Calif.  
Mrs. F. H. Bean  
5451 West Blvd., Los Angeles, Calif.  
Mrs. George Callan  
2963 Castle Hts. Ave., Los Angeles, Calif.  
Mrs. Alice Gate  
5419 7th Ave., Los Angeles, Calif.  
Mrs. Irma Hagan  
5423 7th Ave., Los Angeles, Calif.  
Mr. Wm. M. Morgan  
6727 Drexel Ave., Los Angeles, Calif.  
Mr. Frank Schmidt  
7701 So. Dalton Ave., Los Angeles, Calif.  
Mr. Lee G. Scobey  
3221 W. 63rd St., Los Angeles, Calif.  
Mr. John Seib  
3516½ Gleason Ave., Los Angeles, Calif.  
Mrs. Howard Voss  
3017 West 76th St., Los Angeles, Calif.  
Mrs. Wm. Halley  
363 So. Lemon Ave., Orange, Calif.  
Marilyn Barnett  
2030 So. Ross, Santa Ana, Calif.  
Mrs. J. L. Frank  
1201 Chimo St., Santa Barbara, Calif.  
Mr. Fred D. Jackson  
Mission Ridge, Santa Barbara, Calif.  
Mr. W. F. Runge  
45 Rankin Ave., San Jose, Calif.  
Mr. and Mrs. L. J. Tomlinson  
1938 Vista del Mar, Ventura, Calif.  
Mrs. C. H. Ames  
1010 Floral Drive, Whittier, Calif.  
Mrs. Irvin Gallup  
1140 Eastridge Drive, Whittier, Calif.  
Mrs. W. E. Spencer  
Murphy Ranch, Gate 6, Whittier, Calif.

### OTHER STATES

Mr. W. H. Abernathy  
2222 Fifth Ave. North, Birmingham, Ala.  
Mrs. Swanson  
Ben-My-Chree, c/o Carcross, Alaska  
Mrs. H. S. Travers  
Norwood Park, Peoria, Ill.  
Mrs. M. H. Miner  
1021 Jefferson St., Topeka, Kan.  
Mrs. Sadie M. Russell  
R.F.D. No. 2, Freeport, Me.  
Mrs. Dorothy C. Allen  
Coolidge Road, Concord, Mass.  
Mr. F. D. Underwood  
Town Accountant, Harwich, Mass.  
Mr. Claude Jenkins  
Round Lake, Minn.  
Mr. Alfred Heller  
159 State St., Bloomfield, N. J.  
Mrs. W. J. Campbell  
1182 Elizabeth Ave., Elizabeth, N. J.  
Mrs. Harvey D. Ranney  
253 Crestwood Ave., Buffalo, New York  
Mr. Leon S. Spafford  
Wright Ave., Mattydale, N. Y.  
Mr. and Mrs. Ralph Hessler  
R.F.D. No. 1, East Syracuse, New York  
Mrs. Katherine DeGraf  
938 East Fayette St., Syracuse, N. Y.

## Inter-Branch News

• **Ventura**—Mr. Arthur J. Stewart of the Santa Barbara Botanical Gardens gave an illustrated lecture on native plants as ornamentals at the June 11 meeting. Pictures of the many vari-colored varieties of Ceane-thus were most impressive. The Theodosia Burr Shepherd Branch sends greetings to our neighboring club just started in Santa Barbara.  
—WALTER R. KNECHT.

• **Long Beach**—Mr. Jerry Starr presided at the regular June 4 meeting of the Dyckman branch held in the gardens of Mr. and Mrs. Floyd Blades. Mr. Palestine was the speaker and answered questions rapidly fired at him by those present. While gathered near the big rock fireplace guests were served hot dogs, cookies, coffee and tea. There were many out-of-town guests and visitors who are always welcome.  
—ESTHER RANDALL.

• **Inglewood**—You have heard her as a hillbilly; you have heard her kindly philosophy; you have heard her on gardening; you never heard a better explanation of a sermon than the one she gives; so come and hear **MIRANDY** talk on lathhouse addicts! Friday, July 5 at 8 p.m. In addition, there will be a display of that vision of beauty—velvet ecstasy—**GLOXINIA!**

A 15-minute discourse on this plant will be given by Leslie Woodriff.

—MRS. ALICE NICKLOW.

### Orchids for Everyone!



*Interesting and  
Easy to Grow*

Visitors Welcome  
Open Every Day

Orchid Supplies

SEE THESE  
GORGEOUS  
BLOOMS TODAY

**RAPELLA ORCHID CO.**

15318 Yukon Ave., Hawthorne, Cal.

Dr. J. Harold Scholz  
2605 So. Saline St., Syracuse, N. Y.  
Mr. James F. Mitchell, Jr.  
Laurel Lane, Haverford, Penna.  
Dr. C. R. Lees  
806 Med. Arts Bldg., Fort Worth, Texas  
Mr. D. E. Hathorn  
219 W. Gulf, Goose Creek, Texas  
Mrs. A. C. Willard  
Stanwood, Wash.  
Dr. G. Allen Kriz  
806 No. 11th St., Milwaukee, Wis.

• Lack of space prohibits running a complete list of new members. More next month.

# FERNS

Answers Supplied by ELLA MARGUERITE FEWKES  
of Montalvo, San Diego, California.

Q. My Holly fern has small round brown spots on the under sides of all the leaves. Is this a disease?

A. If the spots are fuzzy, dull brown it is spore. If it is a waxy, shiny spot it is scale. Spray with one and one-half per cent solution of Nicona. Dead scale will have to be picked off as it never releases. Nicona is the only spray I know that will impregnate the wax on the scale.

Q. A Boston fern which grew beautifully last year looked very bad this winter (under same conditions) so I cut all the fronds off. New growth is very slow in starting. What shall I do?

A. In cutting the fronds off you created a heavier root system. If no fertilization was given the fern that is perhaps your trouble. Ferns once a year should be given a larger container with a good rich soil added. During the year liquid fertilizer (cow manure water) should be used once a week.

Q. Can ferns be fertilized?

A. Ferns must be fertilized. To grow properly they must be crowded otherwise they will make all root and very little top.

Q. Will ferns grow in the sun?

A. No. A wooded condition. I mean the same condition as you find them in the woods or being shaded by rocks. They will not be healthy in absolute shade either.

Q. What soil mixture shall I use when repotting ferns?

A. Three buckets leaf mold, one bucket peat moss, one-quarter bucket sand, one pound Nitroganic, 5-10-5, or Vigoro. Water once a week with Vitamin B1.

Q. What other plants shall I use in a Fern bed?

A. It is difficult to suggest other than fern plantings on account of rank growth. If ferns are young and small any shade plant that blooms can be dotted in among the ferns

provided they are kept in pots to enable same to be removed when ferns begin "to take the earth."

Q. What are some of the hardier types of ferns, yet not too common, for use in the lathhouse?

A. Pteris varieties. Davallia types, both hanging baskets and pot or planted in the ground. Maidenhair, excepting Gloriosa Farylense; in fact any type of fern one finds in the average nursery or fern establishments. They are far more hardy than many other forms of plant life and will stand a lot of abuse.

There is something I would like to bring out emphatically: The pink fronds on ferns are not DEAD but NEW fronds just developing. That also is true with those putting out green ones. When a frond is dead or dying it has a rusty brown dead look and will be fully matured. This applies mainly to maidenhair types.

• Will Branch Secretaries please send a copy of their by-laws for the editor's files?

**'TWIST-EMS'**  
Trademark Reg. U. S. Pat. Off.

A TWIST OF THE WRIST  
AND YOUR PLANT IS TIED!

'TWIST-EMS' are dark green, strong tapes with wire reinforcing that make perfect plant ties. No twine! No shears! No raffia! For annuals, perennials, shrubs, vines and vegetables, excellent for flower arrangements. For nurseries, estates or amateur gardeners. Convenient slot easily dispenses 'TWIST-EMS' without opening package.

\* 'TWIST-EMS'  
Available in 2 sizes.  
125—8"  
250—4"  
Your choice **25c**

For Sale at All Garden-Supply Stores

GERMAIN'S HOTKAP MANUFACTURING DIVISION  
747 SOUTH TERMINAL ST., LOS ANGELES, CALIF.

—Three Lovely Basket Types—

- Murial
- Cascade
- Treasure Island

140 VARIETIES OF FUCHSIAS

**W A D E ' S**  
**Fuchsia Garden**

YEAROUT RANCH—PHONE 2053  
1 Mile Out Telegraph Road  
From Ventura

Shade Plants • Ferns

- FUCHSIAS
- BEGONIAS

**FRANK L. MARRIN**  
Nursery

2499 Corinth Ave. Los Angeles  
One block South of Pico Boulevard  
One block West of Sawtelle Boulevard



# CHECK YOUR

1940		JULY							1940	
SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.				
»	1	2	3	4	5	6				
7	8	9	10	11	12	13				
14	15	16	17	18	19	20				
21	22	23	24	25	26	27				
28	29	30	31	»	»	»				

# MEETING DATES

## HERBERT DYCKMAN BRANCH

Tuesday, July 2, 7:30 P.M.  
1845 Lemon Avenue.  
Mrs. Frank Graves, Sec'y.-Treasurer,  
651 Loma Avenue, Long Beach.

## SAN FRANCISCO BRANCH

Wednesday, July 3, 8:00 P.M.  
1060 Francisco St., San Francisco.  
Harry F. O'Donnell, Secretary.  
1575 - 31st Ave., San Francisco.

## INGLEWOOD BRANCH

Friday, July 5, 8:00 P.M.  
Woman's Club, 325 No. Hillcrest Blvd.  
Mrs. V. SirKegian, Secretary,  
413 West Ellis Ave., Inglewood.

## THEODOSIA BURR SHEPHERD BR.

Tuesday, July 9, 8:00 P.M.  
Coca-Cola Hall, Ventura.  
Mrs. Irene Van Fossen, Sec'y.-Treas.,  
349 Jones St., Ventura, Calif.

## MARGARET GRUENBAUM BRANCH

Tuesday, July 9, 1:30 P.M.  
Home of Mrs. Howard Comly,  
Hatboro, Pa.  
Mrs. Wm. L. Paxson, Secretary,  
Willow Grove, Pa.

## LONG BEACH PARENT BRANCH

Thursday, July 11, 7:30 P.M.  
Community Hall, 9th & Lime, Long Beach.  
Mace Taylor, Jr., Secretary-Treasurer,  
520 East Esther St., Long Beach.

## SAN GABRIEL VALLEY BRANCH

Friday, July 19, 7:30 P.M.  
Arcadia City Hall.  
Mrs. A. N. Hartwell, Secretary,  
1719 Alambitas Ave., Monrovia.

## EAST BAY BRANCH

Monday, July 22, 8:00 P.M.  
Hostess House, Treasure Island.  
R. L. Barnhard, Secretary,  
2419 Oregon St., Berkeley, Calif.

## SYRACUSE BRANCH

Richard C. Atwood, Sec'y.-Treas.  
1405 East Fayette Street, Syracuse, N. Y.

## NEW ENGLAND BRANCH

Chas. I. Gould, Jr., Treasurer,  
East Street, Middleton, Mass.

## SANTA BARBARA BRANCH

For information write to  
Mrs. Harriett Worden, Secy-Treas.  
1224 E. Montecito St., Santa Barbara.

- There will be a National Officers' and Directors' meeting at the home of Mrs. Ruby Leidler, 5858 California St., Long Beach, Friday, July 12 at 7:30 P.M.

BEGONIAS Shade FUCHSIAS  
AZALEAS Plants FERN S

*Dodson*

*Water Gardens and Fernery*

1064 E. Hermosa Dr., San Gabriel

## RUDOLF ZIESENHENNE

—BEGONIAS EXCLUSIVELY—

Specializing in Tuberous  
and Rare Species

—Visitors Welcome—

1130 N. Milpas St. Santa Barbara

## Palstine's General Nursery

1226 E. 7th St. Long Beach, Calif.

### Tuberous Begonias

Vitamin B-1 Indole Acetic Acid  
Seasonal Plants

*A Nursery That is Different*

—We Do Not Ship By Mail—