

# The BEGONIAN



FEBRUARY, 1974

*Devoted to the Sheltered Garden*

VOL. 41, NO. 2



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

## FROM THE EDITOR

The ABS has a membership of nearly 3000 people, each of whom receives a copy of *The Begonian* every month. We, the editors, are trying to present a variety of material to please these readers who have a wide range of interests.

We know a number of willing and able contributors who will provide articles, and we call on them often. However, we would also like to receive other contributions. Those of you around the country who like begonias or companion shade plants are invited to submit short articles for our consideration. A good black and white picture to accompany the article is welcome. Most color prints do not reproduce well in black and white, so we must return most of them unused.

If you have an idea for an article and have questions about it, please write to Ed or me and we will try to guide you.

In the January issue, we published the date of organization for the ABS branches. In short order, we received a number of reprimands for omitting four branches. The Long Island Branch with a roster of 197 members was organized in 1972.

The Santa Clara Valley Branch was organized in 1972, also. The Monterey Bay Area Branch was organized in 1971. We also missed

the Saline County Branch of Kansas, but we don't know the date of their organization. Perhaps their officers can tell us.

The Eastern Convention will be held in September at Hempstead, New York. Watch for the convention notices in this and future issues of *The Begonian*, and plan to attend if at all possible.

Marjorie Kirchoff  
Editor

## COVER PICTURE

The picture on the cover is *B. 'Medora'*. It was grown by Claire Husted of Corona, California, and won the 1973 Theodosia Burr Shepherd Branch Perpetual Trophy For Best Begonia Grown by a Novice Grower. In her article on the next page, she describes how she grew this beautiful plant.

Photo by Gene Daniels.

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

The purpose of this Society shall be:

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

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

TO standardize the nomenclature of *Begonias*;

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

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

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

# HOW I GROW BEGONIA SPOTTED MEDORA

By Claire Husted

In the past year I have read many interesting and informative articles in *The Begonian*, and now have been asked to write an article on how I grow, a certain begonia. With my limited experience in both writing and growing begonias, I only hope this article may be of some help to someone who may be having trouble growing *B. 'Medora'*.

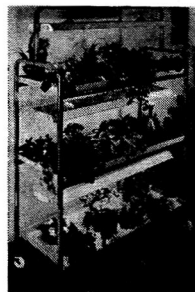
*Begonia 'Medora'* is the perfect plant for the beginner as it's one of the easier begonias to grow. It thrives on neglect, and doesn't mind the heat (it gets around 100° here quite often) or the cold (it drops to about 40° in our patio where I keep my Medoras). It seems to be pest free and I have had no trouble with mildew. *Begonia 'Medora'* has cane-like stems and was raised by Mrs. Eva Gray as a chance seedling about 50 years ago. Its habit of growth is supposed to be small, but I find that it gets quite large. The branches prefer to droop but can be trained upright. It also is not supposed to flower heavily, but I find that it does, in large pendulous clusters, much like the larger angel wing types. The flowers are pink and white, and the leaves are dark green and spotted with silver, and are lance-shaped. There is no prettier begonia than a *B. 'Medora'* in full bloom, and it blooms most of the year.

It is my experience that the only place they don't like to be is in a greenhouse. They have done well in my house in a sunny window, on the patio, and in the yard in filtered sun.

*B. 'Medora'* starts easily from stem cuttings in soil or water in a sunny window. I prefer the later as they seem to root faster and I can watch the progress. I pot in one third peat, one third vermiculite and one third planter mix. I feed any good liquid plant food once a month and change food about every other time. I give a bonus of Vitamin B1 about every two months. I water once a week and then deep soak, and spray the whole plant with water.

The plant on the cover was raised in my patio from a cutting and is about a year old. It received no special attention while it was growing, and was never staked. Most Medoras will shape themselves and make lovely hanging baskets.

It is a rewarding plant for little work and one of my favorites. May I add a thank you to Mrs. Ruth Pease, who spoke at our Rubidoux branch on showing Begonias and advised me on showing my plant, and to Mrs. Glenda Elin who helps us all, and the judges of the American Begonia Society for awarding me the Theodosia Burr Shepherd trophy.



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# EXHIBITING AND JUDGING B. 'MEDORA'

By Ruth Pease

*B. 'Medora'* sometimes called *B. 'Spotted Medora'* has been classified for show purposes as a shrub-like begonia having bare small leaves, and being other than an *acuminata* type hybrid. The plain *B. 'Medora'*, green form (*B. 'Green Medora'*) is not grown or exhibited as often as the spotted variety. This is unfortunate since it is just as lovely when in bloom.

We have seen *B. 'Medora'* trained to a trellis and grown as a basketed begonia. Either way, when the plant is in full foliage with pink blooms in abundance amidst so much greenery, it is stunning.

Scoring this type of begonia should not be difficult for judges who have grown it since they will immediately recognize any old, unsightly, woody stems remaining as a part of the plant, detect yellowing leaves or leaves with dried edges. They would also note whether the plant had a balanced shape or if it seemed to be lopsided.

Plants trained to a trellis are entered as potted plants in the ABS Annual Show so *B. 'Medora'* would be point-scored as a shrub-like plant rather than a novel-grown begonia. The same scoring would be used if the entry had been grown in a basket since we do not have a separate scoring schedule for entries in hanging containers.\*

## Remember?

We told you not to make  
any plans for  
September 12-14, 1974!

Scoring for shrub-like begonias is as follows:

Cultural Perfection	35 points
Foliage	30
Quantity of Flowers	10
Quality of Flowers	10
Difficulty of Cultivation	10
Correct and Suitable Labelling	5

Breaking down the 35 points allowed for Cultural Perfection, we have:

Shape of plant	7 points
Plant fullness	7
Plant size	4
Plant vigor	4
Free from pests	4
*Proper container (size, design)	3
Clean container	3
Plant staking	3

Other begonias with similar growth habits and classified as *B. 'Medora'* are *B. 'Preussen'*, *B. serratifoliosa*, *B. 'Dancing Girl'*, *B. echinosepala* and *B. incarnata*.

They are defined in the classification guide as "ever-bloomers, and should be judged separately as they put other plants at a disadvantage."

When seen at shows in competition with shrub-like *B. 'Alto Scharff'*, *B. 'Medora'* would seem to be at a disadvantage. The same is true when it is reclassified and placed into competition with cane-like begonias such as *B. 'Sophie Cecile'*. These larger, bolder type foliaged plants tend to dwarf the *B. 'Medora'* entries. We may find sometime in the future a need to have a separate division for *B. 'Medora'* and others with the same

growth habit and perhaps those classified as *acuminata* types — *B. 'Catalina'*, *B. 'Richmondensis'*, *B. 'Rutherfordiana'* as well as *B. 'Concord'* which competes best when judged with these. Of course the best in this division would once again have to be judged against all other division winners for best in show.

We realize there are judges who are attracted to plants that are laden with bloom and so a handsome *B. 'Medora'* could conceivably win best in the shrub-like division or a cane-like division. There are also judges who believe that any plant that is outstanding, in any type of competition, will come through with flying colors. A conscientious judge will consider every aspect as he is judging, in addition to looking over each and every entry before he makes his final decision. He should be trained to do this, giving every consideration to a well-grown begonia and the effort put into such an entry by the exhibitor.

With the stems kept in bounds of the trellis, the plant will take on the shape of this support while a grower who wishes to grow his *B. 'Medora'* as a basketed plant may prune to lower some of the taller growing stems in the center of the basket to keep the whole shape in balance with those stems that are gracefully extended over the sides of the basket.

*B. 'Medora'* is worth growing and showing.

## BEGONIA 'MEDORA'

By Rudolf Ziesenhenne

*Begonia 'Medora'*, this month's cover plant, was produced at Medora, Illinois, and was first listed by Mrs. Eva Kenworthy Gray, Pacific Beach, California, in 1926. With miniature cane-like stems, this begonia grows up to three feet tall and is classified for ABS shows in the small-leaved, shrub-like section.

A very bushy plant when well grown, *B. 'Medora'* has small, red-stemmed, green leaves, heavily silver-spotted, with a wavy and toothed leaf margin. The slender main stems are dark green gradually turning to brown with age.

At flowering time, when *B. 'Medora'* produces clusters of pink blossoms, it can be an excellent specimen as the Paul Keasters proved when they won the division trophy and the Helen Bailey Memorial Perpetual Trophy for the best shrub-like begonia exhibited at the 1971 ABS Convention Show.

An equally interesting sister is *B. 'Green Medora'* raised by a Mrs. Topham of Riverside, California, in about 1946; it lacks only the bright silver spots of *B. 'Medora'*.

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## RETIRED FARM COUPLE BECOMES BEGONIA SPECIALISTS

By Maxene Harris

*(Reprinted from the MISSOURI RURALIST, March 24, 1973)*

"We are the only place in the country, that I know of, that specializes in begonias. We ship plants to customers all over the United States and worldwide," says Vernia Routh, 75 years old.

"Everything you see here we've built ourselves — the house, all the buildings, and the business," adds her husband, Bert, who is 84.

The Rouths own and operate a successful greenhouse, one mile south of Louisburg on Highway 65. And their greenhouse business began after they retired from farming!

We hear a lot these days about the need for communities to provide meaningful activities for their senior citizens. Seldom do we hear about senior citizens who find ways of providing such activities for themselves. Seldom, too, do we hear about elderly people with the courage to start a new business venture after they have reached retirement years.

Medical research shows continued work as a vital factor for prolonging life. Elderly people whose lives continue to involve new people, projects, and plans are happier and tend to live longer than those who settle into a hammock. Certainly the Rouths are a testimonial to these facts.

Despite serious health problems over the years, they refused to accept a passive life. After leaving the farm they found something to do which they enjoy. Now they find it's hard to grow old — they're too busy!

The story behind the Routh Greenhouse is an interesting one — she claims — "it just sort of grew." And I suppose you could say that's exactly how it came about — from growing things.

Before moving to their present location on the highway, the Rouths were dairy and poultry farmers in Dallas County. But eventually his arthritis and her heart condition coupled with diabetes, made it impossible for them to continue extensive farming. At the time both their sons were in service, and wanted to go back to school when they returned, so the Rouths decided to sell the farm. They built a small house on 10 acres about a mile from their farm and moved in. "It was just like moving into the middle of a cow pasture," says Routh, "There wasn't even a fence post around."

As usual, Vernia Routh's windows were full of flowers, and suddenly people were stopping and wanting to buy them. "And that's really where I began doing business — from my windows."

"I've grown flowers all my life, and given them away by the arms full. When I was in bed for months at a time with heart trouble, and

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later in a wheel chair, I read every floral magazine, flower book, and seed catalog I could find. I expect that during the 10 years when my activities were very limited I equaled about 4 years of flower study from reading. I had no idea of ever putting it to use except for my own pleasure."

"But we sold so many from the windows that I figured I could sell more if people knew about it. Farmers didn't have Social Security then, so the extra money was welcome. I wrote to the state flower inspector, had my plants inspected, and started growing more in the basement under fluorescent lights."

"Soon we outgrew that and Bert built a 16 by 24-foot greenhouse close to the house. After a few years we needed more space so he built a second room. Soon that was full too, and we had no place to work, so he added the third room."

Advertising is done through flower magazines and direct circulars to regular customers. They belong to the American Begonia Society which has a magazine, "The Begonian," with international circulation. During the summer months, Rouths Greenhouse has a full-page ad in "The Begonian," listing plant varieties, and another in "African Violet" magazine.

"We pick up customers nationwide with this kind of advertising," Mrs. Routh points out. "We're just as likely to get an order from New York or California as we are from Missouri. Not too long ago a customer drove from Indiana in a station wagon and bought \$250 worth of begonia plants. Begonia collectors

are always looking for new varieties to add to their indoor and outdoor gardens."

Although begonias are her "main crop," she also specializes in African violets. Growing along with these in the greenhouse are other plants, which like the same conditions of high humidity and shade, such as gloxinias, cyclamens, ferns, and amaryllis varieties.

Mrs. Routh works in the greenhouse about 4 or 5 hours daily and has a girl who helps out each morning for 2 or 3 hours. However, in the spring during the heavy shipping plant season — they also have a large bedding plant business — she spends anywhere from 7 to 10 hours a day taking care of her customers.

"She doesn't let me work in the greenhouse much," says Routh with a quick wink. "She lets me haul dirt  
(Continued on Page 51)

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## CALENDAR

March 13 — Long Island Branch — 7:30 P.M. — at Planting Fields Arboretum in Oyster Bay, Long Island, New York. Plants, Supplies and Literature Sales, The Question Box, Plant Raffles, Slide and Book Libraries precede the meeting which begins at 8:00 P.M. The Begonia of the Month will be the beautiful and difficult *B. versicolor* by Zelda Issacs. The program will be devoted to Novel Methods of Growing Begonias and will include Bonsai by Dorothy Thoung, assisted by Lynn McMahan, Standards by Ed Hoffman, and Rocks and Driftwood by Ed Thompson. There will also be a mini Show of the Rhizomatous Begonias. Refreshments will be served.

## ROUND ROBIN NOTES

With the "urge to grow" nudging at plants and seeds, the robin letters have many good hints on the various methods of propagation by seeds or cuttings. If your methods have been less than successful, why not join a few robins and learn some of the "tricks" being used? You will delight in the warm friendship and perhaps learn something to help you enjoy your plants more.

Mary Collins of West Virginia has been trying a new method of starting plants from leaves. She filled a pot with perlite, put the pot on a saucer and filled saucer with water. She stuck leaves in pot and so far had not lost any. In fact, several had roots. She doesn't know whether they will get new plantlets or rot. Before, they nearly all rotted for her so this is some improvement, she feels.

Zelda Isaacs, New York, soaks her leaves in a solution made from an all purpose vitamin (for humans) or B-1 for a few hours before she wedges them. They are crisp and firm when they are torn apart. She doesn't even cut them — just rips into pieces that have a nice vein. As for the wedge shape, she rarely manages that. Usually they are square, long, short or something. She puts the leaves under three 40W tubes for starting.

Pam Braun, Tennessee, said she has gotten so lazy with her propagation! She has plastic shoe boxes with store-bought dirt and vermiculite in them. She just sticks her cuttings and leaves down in the mix and always has good results. The only problem she has when taking things out

of boxes and transferring to pots is that big, mature leaves wilt and die although the new leaves don't. She's found that if she conditions the plants first by leaving off the lid for a week or so, she doesn't have any problems.

Dora Lee Dorsey, Florida, found some plastic vegetable crispers about 12" X 14" X 6" deep, medium green color with clear covers. One was all clear plastic but she finds she is getting better rooting in the green ones.

Last spring Hazel Kipp of Florida rooted quite a few leaves of *B. bartonea* (syn. 'Winter Jewel'). One of these pushed up a tiny bloom stalk followed by the usual leaves. It had bloomed ever since. The others rooted, made plants and bloomed in time but there were no more precocious bloomers. While she was making this tiny newcomer the center of attention, a big, robust *B. 'Nelly Bly'* put on a show. It did not bloom as expected but put out little red flower spikes from the center of three of the leaves. The little blooms were bright pink and bearded. Through a magnifying glass the flowers were perfect, showing a number of yellow stamens.

Ruth Ihara of Washington, D. C. reported from a batch of *B. olsoniae* seedlings she was able to save two in spite of the heat. The two plants are so different, she feels she either had stray seeds in the packet or a mutation of some sort. One looks the way she thinks a young *B. olsoniae* seedling ought to look, occupying a 2½" plastic pot, bronzy with about six leaves. The other is still in a

plastic cream pot (the kind you get in a restaurant with coffee) and doesn't quite fill it. It is bright green and has at least a dozen tiny leaves frosted with a few bristly, white hairs growing on what appears to be a tiny rhizome. Several other robins have reported such results from this offering of *B. olsoniae* seeds.

Bonny Bersch, California, believes the trickiest part of growing in terrariums is feeding them. She waters hers maybe once in six months so naturally she can't fertilize with liquid often or she would drown it. It grew best when she would sprinkle just a few crumbs of Hyponex on the sphagnum every 10 days or so.

Bob Hamm, New York, put a big *B. 'Ricinifolia'* up under short-day lights in a closet around September 10 for about two months. Immediately after it was brought down to the unlighted section of his greenhouse, the lights were turned on by accident. However, it must have had its bud initiation all set in the closet because there soon emerged buds with the leaves so it should bloom quite early. It was on one week of 9 hour days, the rest 10 hour days.

Winnifred Piper of Connecticut helped out another robin with a recipe for a mix: 2 parts peatmoss, 1 part vermiculite, 1 part perlite with enough lime to bring pH to 6.5. For a pH of this figure you would need about 2 level teaspoons dolomite lime per quart of peat. She has learned from experts at a Plant Science Seminar that the important thing is to have enough calcium in the soil. Some recommended 10 lbs. per cubic yard but others felt this was

not high enough and recommended 12 lbs.

Winnifred feels that the life force in plants is strong and plants have had to learn to adapt over the centuries. Almost any medium will support plant growth. For the home grower where speed is not a factor, a more nutritive soil is usually preferred as it reduces need for frequent fertilization. She does nothing to increase humidity as she does not have the space for plants with large leaves.

(Continued on Page 49)

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### Fb 2 — *B. cucullata*

A stiff, upright semperflorens, growing 2 to 3 feet.

### Fb 3 — *B. dipetala*

A species from India with drooping inflorescences of pale pink flowers.

### Fb 4 — *B. dregei*

A well-known species from E. Africa, about 2 ft. high, numerous white flowers.

### Fb 5 — *B. friburgensis*

A species from Brazil, rhizomatous with shiny, large, dark-green leaves, which are broadly oval, red underneath.

### Fb 6 — *B. fuchsoides*: var. *miniata*

A 3 ft. high shrub (cane-type) with small leaves and rather small brilliant red flowers in fairly large inflorescences. A magnificent species.

### Fb 7 — *B. hemsleyana*

A species from India, shiny green leaflets radiate from the stem end like umbrella ribs. Produces large, lovely pink flowers, and grows to 2 feet.

### Fb 8 — *B. minor* B. G. Giesson

An unidentified species which looks like a hybrid between *B. rotundifolia* and *B. cubensis*. There is a doubt that this is the true *B. minor*.

### Fb 9 — *B. subvillosa*

Closely related to *B. leptotricha* (*B.* 'Woolly Bear').

### Fb 10 — *B. suffruticosa*

Often called *B. richardsoniana*. A species of the same group as *B. dregei*, which it closely resembles but for the deeply dissected leaves.

\* \* \*

There is a limited amount of the following seeds. When ordering, please ask for a substitute in case your order is late in arriving, and the supply is gone. It is always wise to list a substitute or two any time you order. Only a few people are sharing their seeds with us and the amount doesn't go around. I am happy with the number of people who are using the seed fund, it is most encouraging. I do not want to disappoint anyone; can use more seeds. Thank you.

### Fb 11 — *B. pygmaea*

A very small plant from E. Africa belonging to the same group as *B. dregei*. Introduced and distributed by the Botanic Garden at Munich without a specific name. Identification by no means certain.

### Fb 12 — *B. rajah*

A magnificent species from Sumatra. Rhizomatous with roundish leaves, chocolate brown along the veins.

Please make all checks and money orders payable to Clayton M. Kelly Seed Fund, and mail with order for seeds to:

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## BEGONIA COLLECTING IN COLOMBIA

By W. Scott Hoover, *Colorado College*

It has been with inexhaustible pleasure that I have pursued investigations on various aspects of *Begonia*. It was not until recently that these pursuits led me to study the plants in their natural environment, particularly Colombia, where, for the months of June, July and August, I indulged in phytogeographical work.

This study was made possible by several individuals and institutions. I express my deepest appreciation to my parents. Particular thanks are due to Dr. Richard E. Schultes for suggesting I go to Colombia, and to Dr. Fred A. Barkley, who made it possible to gain funding from the American Begonia Society and the Ford Venture Committee at Colorado College. Without the help and understanding of Professors Werner Heim, Jack Carter, and Owen Cramer, little would have ever been accomplished, thus my sincere thanks to each of

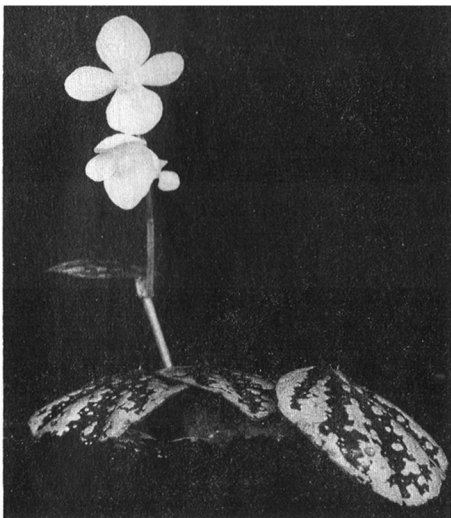
them. I am grateful, also, for the help and patience of Dr. Forrero and the other botanists at the Instituto de Biología de la Universidad Nacional in Bogotá.

In granting the A B S aid to me, Mr. L'Hommedieu asked me to submit some articles to *The Begonian*. The following will reflect a general image of my activities during the past summer.

My introduction to the *Begonia* of Colombia was to me a profound experience. In a rain-forest behind Puerto Nariño, Amazonas, the first *Begonia* was observed cascading off the side of a palm tree, displaying a profusion of exotic orange blossoms, but unfortunately twenty feet up the trunk. Gaining access to this plant clearly presented difficulties, but after some delicate manipulation of various vines success was achieved.

The attempt to identify this species has been unsuccessful. Referring to Smith and Schubert's (1946) monograph of "The Begoniaceae of Colombia," there appeared to be no listing of a species having the characteristics of this, nor did the herbarium at the National University in Bogotá show a similar collection. Possibly this species is as yet unnamed.

It seems appropriate to deliver some account of the species I collected and their location. During the three months in Columbia, collections of twenty-five different species of *Begonia* were made in eleven



*Begonia pygmaea* Irmsch.

(Continued on Page 48)

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## REGISTRATION OF BEGONIA CULTIVARS

Note: The American Begonia Society is the International Registration Authority for the genus *Begonia*. Information may be obtained from Rudolf Ziesenhenné, 1130 N. Milpas St., Santa Barbara, CA 93103.

### No. 372 — *Begonia* (*B. hydrocotylifolia* x *B. 'Lenore Olivier'*) '*Posy Wahl*'

Everblooming, with erect clusters of pink and white flowers, this tall cane was developed and first bloomed in 1967 and distributed in 1969 by Belva N. Kusler, R.R. 2, Siren, Wisconsin 54872. Name first appeared in *The Begonian* 38:95 April 1971. Leaves are broadly elliptic to sub-circular, base cordate, lobes overlapping,  $8\frac{1}{2}$  x 7 in.; margin entire, weakly undulate; texture coriaceous, glabrous, shining, above ivy-green, below cardinal-red; veins palmate, evident; petioles terete,  $2\frac{1}{2}$ "', glabrous; stipules triangular, caducous; flowers pink, ovaries white; held erect on 6" stem in compound dichasium cyme. Registered Sept. 12, 1973.

### No. 373 — *Begonia* (*B. hydrocotylifolia* x *B. 'Lenore Olivier'*) '*Question Mark*'

This very compact, cane-like cultivar was developed and first bloomed in 1967 and first distributed in 1971 by Belva N. Kusler, address above. Name published in *The Begonian*

38:283, Dec. 1971. Leaves above are forest-green, below frosty spring-green; ovate, oblique, base cordate, apex short-acuminate;  $7\frac{1}{2}$  x 4 in.; margin undulate, sparsely denticulate, ciliate; texture chartaceous, shining, glabrous; veins palmate, evident; petioles terete, pilose,  $1\frac{3}{4}$ "'; stipules broadly triangular, marcescent. Everblooming, flowers rose-pink;  $1\frac{1}{2}$  x  $1\frac{1}{4}$  in., compound dichasium. Registered Sept. 12, 1973.

### No. 374 — *Begonia* (*B. listida* x *B. echinosepala*) '*Magdalene Madsen*'

A shrub-like, hairy, narrow-leaved plant, developed in 1968, first bloomed in 1969, and distributed in 1971, was originated by Belva N. Kusler, address above. Name appears in *The Begonian* 38:283, Dec. 1971. Leaves, above ivy-green with citron along midrib, below wine-red with citron on midrib, are narrowly obtusate, upper midrib at 135-degree angle to main rib base cordate lobes overlapped;  $4\frac{1}{2}$  x  $1\frac{3}{4}$  in.; margin undulate, double serrulate, ciliate with red hairs; texture fleshy-thick, white puberulous; veins main ribs evident, transverse to petiole which is terete; stipules, triangular, marcescent. Flowers all year, pink outside, inside white, red hairs, ovary and alae very deep pink,  $\frac{3}{4}$  x  $\frac{3}{4}$  in., compound dichasium on  $3\frac{1}{2}$ " stem. Registered Sept. 12, 1973.

Note: Registration records No. 365-374 prepared by Jack Golding.

### No. 375 — *Begonia* (*B. 'Fleecealba'* chance seedling) '*Ethel-Bee*'

This rhizomatous begonia was developed by the late Ruby Mae Budd,

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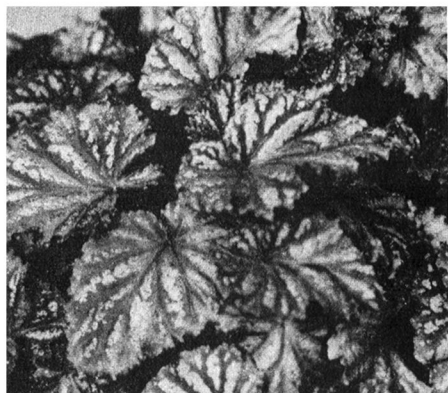
at 188 Quartz Way, Hemet, Ca. 92343, in 1965; the dark-green leaf is dark and puckered, pointed, 4 x 3½ in.; margin serrate; texture slightly tomentose; veins thick, petioles smooth with no lobes; flowers small, white. Registered Sept. 20, 1973.

**No. 376 — Begonia (B. 'Fleecealba' x B. purpurea) 'Myrtle-Bee'**

Developed by the late Ruby Mae Budd, at address above, this woody-stemmed, upright rhizomatous has a semi-star, medium-sized leaf with pointed shallow lobe; 4½ x 5½ in.; margin smooth; texture heavy, light-colored tomentum; veins, point of attachment to petiole, green eye; petioles smooth; light-green; stipules deciduous; color, red underside, surface black. Flowers spring and summer, 1", large white ovary, male 3 petals, arranged in cluster on 14" stem. Registered Sept. 20, 1973.

**No. 377 — Begonia (B. 'Tingley Mallet' x B. 'Lenore Olivier') 'Miyo Berger'**

This shrub-like, compact, hairy-leaved begonia was originated by



B. 'Miyo Berger': Reg. No. 377  
Photo by Jack Golding

Belva N. Kusler, R.R. 2, Siren, Wis. 54872, in 1959, was first distributed in 1961, and first bloomed in 1965. The leaves are black along veins, silvery red splotches between, below frosty blood-red, ovate, oblique, base cordate lobes overlapping, apex sharp acute, 3½ x 2¼ in.; margin double dentate strongly undulate; texture chartaceous, hirsute between veins which are palmate, evident; petioles channelled, pilose, 1¾"; stipules ovate, keeled, marcescent. Flowers pink, blooming intermittently. Registered Sept. 22, 1973.

**No. 378 — Begonia (B. dregei x B. 'Laura Englebort') 'Delphine Fosmo'**

Developed in 1961, first bloomed in 1962, and first distributed in 1963 by the originator, Belva N. Kusler, address above, this small cane with fern-green 7 x 3 in. leaves, red-backed, narrowly ovate, oblique, base cordate, apex sharp acute, is ever-blooming. Leaf margin dentate at vein ends, undulate; texture coriaceous; veins pinnate, evident, oblique to petiole which is semi-terete, 1¼ in. long, glabrous; stipules triangular caducous. Flowers are rose, 1¾-1¼ in., pendulous, compound dichasium on 1¾" stem. Registered Sept. 22, 1973.

**No. 379 — Begonia (B. 'Lenore Olivier' x B. dregei) 'Frances Lyons'**

Wavy, satiny, light-green leaves, with drooping clusters of peach-pink

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flowers characterize this small, compact cane originated by Belva N. Kusler, address above, in 1961; it first bloomed in 1962, and was first distributed in 1963; name appeared in Jan. 1967, *Begonian* 34:10. Leaves are forest-green above, frosty-moss green below, oblique, ovate, cordate, sharp acute,  $6\frac{1}{2} \times 3$  in.; margin dentate undulate; texture coriaceous, satiny; veins pinnate evident, oblique to petiole which is  $\frac{3}{4}$ ", terete glabrous; stipules narrow elliptic caducous. Flowers all 12 months,  $1\frac{1}{4} \times 1\frac{1}{4}$ ", on 6" stem. Registered Sept. 22, 1973.

**No. 380 — Begonia (B. 'Lenore Olivier' x B. hydrocotylifolia) 'Clara Elizabeth'**

This intermediate cane originated by Belva N. Kusler, address above, in 1967, when it first bloomed, was first distributed in 1969, and name was published in April 1971 *Begonian* 38:95; compact, the plant has dense clusters of white flowers, ever-blooming, above shiny dark-green leaves; leaves ovate, oblique, cordate basal lobes overlapping, apex sharp acute,  $6 \times 1\frac{1}{2}$ "; margin entire, weakly undulate; texture coriaceous, glabrous; veins palmate evident; petioles terete, pilose,  $1\frac{1}{4}$ "; stipules triangular, marcescent; dark ivy-green, wine-red below. Flowers  $1\frac{1}{4} \times 1$ ", on  $1\frac{3}{4}$ " to 2" stem. Registered Sept. 22, 1973.

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**No. 381 — Begonia (B. 'Lenore Olivier' x B. kenworthyae) 'Swirly Top'**

Belva N. Kusler, address above, developed this small cane in 1961, first distributed it in 1965, and it first bloomed in 1969, its name appearing in June 1967 *Begonian* 34:108. Leaves have undulate margin which show the cardinal-red underside against the ivy-green surface, ovate, apex sharp acute, base cut,  $5\frac{1}{2} \times 3$ "; margin entire strongly undulate; texture coriaceous, glabrous; veins evident, pinnate, transverse to petiole; petioles terete, pilose,  $1\frac{3}{4}$ "; stipules elliptic, marcescent; blooms pale pink in winter. Registered Oct. 9, 1973.

**No. 382 — Begonia (B. hydrocotylifolia x B. Kusler No. 2) 'Marjorie Sibley'**

The very dark green leaves, almost black, extending upwards on long petioles, flared like a funnel, with raised portions near the margin like blisters, characterize this intermediate cane originated by Belva N. Kusler, address above, in 1967 when it first bloomed white, first distributed 1969, and named in May 1970 *Begonian* 37:111. Leaves are elliptic, apex round obtuse, base cut lobes overlapped,  $7\frac{1}{2} \times 5$ "; margin entire, undulate with downward curve; texture coriaceous, glabrous; veins palmate very evident, raised, lighter green; petioles half-terete, pilose, 4" long; stipules triangular, marcescent; below dark blood-red. Everblooming. Registered Oct. 9, 1973.

**No. 383 — Begonia (B. Lenore Olivier' x B. goegoensis) 'Margaret Stevens'**

The heavily silver-splotted leaves

of this intermediate to tall cane make it a very attractive plant. Originated and first bloomed in 1961, first distributed in 1965, this plant was first published in June 1967 *The Begonian* 34:108. Originator: Belva N. Kusler, address above. Leaves are broadly ovate, oblique, apex acute, base cut lobes overlapped, 8 x 6"; margin entire with slight angles at vein ends, weakly undulate; texture chartaceous, glittering; veins palmate, evident, raised oblique to petiole; petioles terete, glabrous, 13/4"; one stipule narrowly triangular, other broadly ovate, caducous; forest-green with much silver above; spring-green below. Flowers all 12 months, carmine-rose. Registered Oct. 9, 1973.

**No. 384 — Begonia (B. 'Lenore Olivier' x B. goegoensis) 'Peggy Stevens'**

An intermediate cane, developed and first bloomed in 1961, first distributed in 1966, named June 1967 in *The Begonian* 34:108, this plant of Belva N. Kusler, address above, has forest-green leaves with silver splotches, below ruby to blood red, ovate oblique, apex sharp acute, base cut lobes overlapped, 4 1/2 x 2 3/4"; margin dentate, weakly undulate; texture chartaceous, glittering; veins palmate, evident oblique to petiole which is terete, glabrous, 2"; stipules triangular, overlapping, persistent. Flowers carmine-rose, all 12 months. Registered Oct. 9, 1973.

**No. 385 — Begonia (B. 'Bow Nigra' x B. manicata aureo-maculata) 'Raquel Wood'**

Belva N. Kusler, address above, originated and distributed this medium-leaved rhizomatous in 1961,

which first bloomed in 1962 and named in Jan. 1967 *The Begonian* 34:12. Leaves are ovate, oblique, apex sharp acute, base cut lobes overlapped, 4 x 2 1/2", pine green above with chocolate at margin and between veins, below cardinal red; margin dentate, ciliate, weakly undulate; texture chartaceous, shining; veins palmate, evident; petioles terete, scabrous with red hairs, cuffed at attachment, 2 1/2"; stipules triangular, hair-pointed, marcescent. Flowers dark-pink to rose-red, late winter and spring. Registered Oct. 9, 1973.

**No. 386 — Begonia (B. 'Lenore Olivier' x B. hydrocotylifolia) 'Gertrude Nelson'**

Distinctive because of the scattered white hairs contrasting with almost black surface of the leaves, this intermediate cane was originated by Belva N. Kusler, address above, in 1967, when it first bloomed; first distributed in 1971, the name first appeared in the Dec. 1971 *The Begonian* 38:283. Leaves are dark forest-green, below very dark cardinal-red, pilose on veins; ovate oblique apex sharp obtuse, base cut lobes overlapped, 6 x 3 1/2"; margin entire ciliate weakly undulate; texture coriaceous, glittering, pilose; veins palmate, evident, oblique to petiole which is terete, pilose, 1 3/8"; stipules triangular-keeled, marcescent; everblooming. Registered Oct. 9, 1973.

Note: Registered records No. 375 and 376 prepared by Mrs. Budd. No. 377-386 prepared by Jack Golding, 47 Clinton Ave., Kearny, N.Y. 07032. Plants available through Mike Kartuz, J. Wrytzen, and others.

**No. 387 — Begonia (B. 'Changeant' x B. 'Curly Stardust') 'Rosanna Blais'**

This Rex begonia was developed by Gordon Lepisto, 1775 Field Ave., St. Paul, Minn. 55116, in 1971. It bloomed light pink and was distributed in 1972. Leaves are pointed, obliquely ovate, medium size 5 x 8"; margin slightly serrate and wavy; texture slightly bumpy; veins medium-green near center; petioles dark-pink, smooth, 8-9"; dark iridescent-green background with irregular-shaped silver blotches. Blooms all year on 6-7" stems. Registered Oct. 10, 1973.

**No. 388 — Begonia (B. 'Changeant' x B. 'Reiga') 'Christine Blais'**

This medium-leaved Rex was developed in 1971 by Gordon Lepisto, address above; it first bloomed and was first distributed in 1972. Leaves are pointed, obliquely ovate, lobed; 5 x 8"; margin slightly serrate and wavy; texture slightly bumpy; petioles light 6-8", flushed-red over entire iridescent-silver leaf, dark-brown star center. Flowers all year, light salmon, 1½", on 6-7" stem. Registered October 10, 1973.

**No. 389 — Begonia (B. 'Changeant' x B. 'Reiga') 'Julie Blais'**

Developed in 1971 by Gordon Lepisto, address above, this medium-leaved Rex first bloomed and was first distributed in 1972. Leaves are pointed, obliquely-ovate, lobed; 5 x 8"; margin reddish band, slightly wavy; texture smooth; petioles 6-8"; color red at center from sinus to 1/3 of leaf over iridescent silver; bright-red under; blooms light salmon all year. Registered Oct. 10, 1973.

**No. 390 — Begonia (B. 'Old Smoky' x unknown Rex) 'Mamie Eisenhower'**

Dora Lee Dorsey, 8110 N. Edison Ave., Tampa, Fla. 33604, developed this large, spiral Rex in 1964. It bloomed cream-white in summer and fall of 1965, and was first distributed in 1967. The leaf is uneven-heart-shaped, 9 x 7", margin dentate; texture heavily quilted, not hairy; veins dark-green, depressed, top, red under; petioles bronze, slightly hairy and concave; stipules dark red, ½-1"; color dark-bronze center, silver-splashed green zone, red-bronze margin, overcast sheen of blue. Flowers 1½" on 3-4" stem. Registered Oct. 16, 1973.

**No. 391 — Begonia (B. 'Elizabeth Lockart' x unknown) 'Misty'**

This tall cane was originated in 1965 by Peter P. Lee, 1852 31st St., San Diego, Ca. 92102, has not bloomed yet, and was first distributed by The Plant Shop, 11366 Ventura Blvd., N. Hollywood, Ca., in 1973. The leaves are broad ovate oblique pointed, 5 x 10", silver, splashed green, new leaves pink, overlaid with silver; apple green under; margin pink-tinged, undulate; texture heavy; veins prominent, green; petioles light-green; stipules, large, pale-green. Registered Oct. 23, 1973.

Rudolf Ziesenhenn  
Nomenclature Director

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**PUBLICATION NOTICE**

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

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

## COLLECTING BEGONIAS

(Continued from Page 41)

different locations. Two species were later collected in Honduras. The following is a brief summation of the collections: *B. glabra* Aublet, and the unidentified species mentioned above, were collected in the Amazon River Basin. Collections of *B. foliosa* var. *miniata* Smith & Schubert and *B. tropaeolifolia* A. DC. were made at Tequendama Falls in the Department of Cundinamarca. In the forest area above Pasto, Nariño, *B. maurandiae* A. DC. was encountered. *B. urtica* L. was located in an isolated patch of forest behind Pedro Pisa National Park in Purace, Cauca, as well as along the road to Miraflores, in the department of Boyaca. In the Boyaca *B. ferruginea* L., *B. patula* Haworth, and three species whose identity remains as yet unknown to me, were found in the Boyaca. *B. patula* Haworth was also collected near Medellín, Antioquia. On a trip to the village of Quetame in Cundinamarca, collections were made of *B. quetamensis* Smith and Schubert, *B. quaduensis* HBK, *B. barriage* Smith & Schubert, and one species as yet unidentified. At a higher elevation, *B. macra* A. DC. was found at two isolated patches along the roadside. Two more species were collected in Honduras while traveling up to Las Ruinas de Copán.

Perhaps the most remarkable area where collections were made was on the Cordillera Occidental in Cauca, Colombia, for eight different species were found. They were *Begonia glabra* var. *amplifolia* Smith & Schu-

bert, *B. holtonis* var. *macrophylla* Smith & Schubert, *B. maurandiae* A. DC. (with a peltate leaf), *B. tiliifolia* C. DC., *B. killipiana* Smith & Schubert and three species yet to be identified. More will be said about this area of Cauca in the future.

The majority of my time was spent collecting in the southmost Departments of Colombia. My usual method of travel was by bus. From the major cities transportation to small villages proved to be only a minor problem; from these villages it then became necessary to walk to an area that appeared as a likely habitat for *Begonia*. In this study, *Begonia* was located most often in the uncut, undisturbed forest areas and usually quite remote from urban development.

It seems appropriate to mention the aesthetic side of certain species. As briefly noted before, the unidentified species from the Amazon presented an exquisite form of the beautiful. Also, *Begonia ferruginea* L. and *B. killipiana* Smith & Schubert proved so exotic and exquisite in their leaves and inflorescences that much will be denied if they are not introduced into cultivation. Each of the remaining species displayed themselves in most personal and unique fashion.

Upon meeting each *Begonia*, live material was taken, primarily as cuttings, but seed also was taken when available. All of these were sent to the Northeastern University greenhouse under the green and yellow labels. If the fates choose to favor us, then a portion of each species will survive and develop.

**CONDENSED MINUTES OF THE  
MONTHLY MEETING OF THE  
BOARD OF DIRECTORS AND  
MEMBERS OF THE  
AMERICAN BEGONIA SOCIETY  
November 26, 1973**

The meeting was called to order at 7:30 p.m., November 26, 1973, at the South Gate Auditorium, South Gate, California. After the opening ceremonies, roll was taken; a quorum was present. The minutes were approved. The Treasurer indicated a balance on hand of \$2,107.88 after noting that two issues of the "Begonian" had been paid this month.

Business of the meeting included a regretful acceptance of the resignation of Mrs. James Fariss as Northwest chairman of Public Relations. Director Peggy McGrath submitted the name of Herbert H. Warrick as the new chairman for that area; this was approved by Board action. A new branch is organizing in Tampa, Fla.; the Smoky Valley Branch in Salinas, Kansas is closing.

The Show Committee reported recommendations from the 1973 Show which included a \$100 donation to the California State University at Fullerton in consideration that the use of the building for the show and annual meeting had been donated without cost. It was also recommended that the Cultural Bulletin be printed through the proceeds of the Show. It was moved, seconded and passed that these recommendations be accepted and that 5,000 bulletins be printed and readied for sale.

The Research Director, Carlton L'Hommedieu, reported good progress in raising money for the research fund; Librarian Lydia Austin asked for more books for the library to sell; Seed Fund Chairman Pearl Bennell also requested more seed, stating that over \$150 in seeds had been sold last month.

President Walter Wagner submitted his choice of names for the Editorial Board as required under the new provisions of the By-Laws. Doug Frost and Mabel Corwin were approved by Board action. President Wagner also announced the Show Chairman for 1974 will be Gene Daniels. This also was approved by Board action. Further business included approval of the expenditure to print four extra pages in January of the Begonian, the motion to approve a permanent increase being referred to the Finance Committee for recommendation. The Business Manager's report indicated there is further study being done on the increase in advertising rates and the possible increase of annual dues.

After branch reports and other committee reports, the Board approved a

meeting for January 27 (Sunday) at 1:00 p.m. at the Peck Family Colonial Terrace Room in Westminster, California, to be hosted by the new Garden Grove branch. The February meeting will be hosted by the Westchester Branch on Sunday, February 24. The meeting was adjourned.

Respectfully submitted,  
Margaret Ireton, Secretary

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**ROUND ROBIN**

(Continued from Page 39)

Most all plants will adjust to average humidity provided they are started from seed or cuttings. She recommends a 7X power lens to be used for examining roots of all your plants as she feels most problems originate in the root system and no amount of soil switching, humidity, etc., will avail until the plant is freed of any pathogens present.

Arline Peck of Rhode Island uses a plain board and makes a pocket with small chicken wire. Then she soaks long-fibered sphagnum moss with half-strength fertilizer. She puts moss in the pocket and plants a fern or begonia in it, watering with same strength fertilizer and keeping it on the moist side.

If you have some hints to share with others, or if you would like to join in the fun of learning new ways to enjoy your begonias and other shade plants, why not join our interesting robins? Send me a note, telling me where you grow your plants, which sort of plants you prefer and what phases of begonia growing you are most interested in. We'll welcome you to our Round Robin Circle!!!

Mrs. Mae Blanton  
Round Robin Director  
118 Wildoak Drive  
Lake Dallas, Texas 75065

# BRANCH DIRECTORY

VISITORS ARE ALWAYS WELCOME AT THESE MEETINGS

## **BUXTON BRANCH**

3rd Saturday, Homes of Members  
Mrs. Raymond C. Cronin, Secy  
88 Ledgeways, Wellesley, Mass. 02181

## **CONNECTICUT BRANCH**

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

## **DALLAS COUNTY, TEXAS, BRANCH**

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

## **EAST BAY BRANCH**

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

## **EASTSIDE BRANCH**

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

## **EL MONTE COMMUNITY BRANCH**

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

## **FOOTHILL BRANCH**

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

## **FORT, ELSA BRANCH**

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

## **GARDEN GROVE BRANCH**

3rd Thursday, 7:30 p.m.  
Sunnyside School  
9972 Russell Ave. at Brookhurst, Garden Grove, Ca.  
Mrs. Millie Hinds, Sec'y.  
8752 Dewey Dr., Garden Grove, Ca. 92641

## **GLENDALE BRANCH**

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

## **GREATER BATON ROUGE BRANCH**

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

## **HOUSTON TEXAS BRANCH**

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

## **KNICKERBOCKER BRANCH**

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

## **LONG BEACH PARENT CHAPTER**

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

## **LONG ISLAND BRANCH**

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

## **LOUISIANA CAPITAL BRANCH**

1st Friday, Sear's Garden Center  
6201 Florida St., Baton Rouge  
Mrs. J. S. Gremillion, Sec'y.  
1854 Cedardale, Baton Rouge, La. 70708

## **MESQUITE BRANCH**

1st Tuesday, 10:30 a.m., Members homes  
Mrs. Mae Blanton, Secy.  
118 Wildoak Drive, Lake Dallas, Texas 75065

## **MIAMI BRANCH**

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

## **MISSOURI BRANCH**

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

## **MONTEREY BAY AREA BRANCH**

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

## **NORTH LONG BEACH BRANCH**

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

## **ORANGE COUNTY BRANCH**

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

## **PORTLAND BRANCH**

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

## **REDONDO AREA BRANCH**

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

## **RHODE ISLAND BRANCH**

1st Saturday, Homes of Members  
Mrs. Arline G. Peck, Secy.  
Eagle Peak Road, Pascoag, RI 02859

## **ROBINSON, ALFRED D. BRANCH**

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

## **RUBIDOUX BRANCH**

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

## **SACRAMENTO BRANCH**

3rd Tuesday, 8:00 p.m., Garden Center  
3300 McKinley Blvd., Sacramento, Calif.  
Mrs. Beverly Bartlett, Secy.  
725 - 36th Street  
Sacramento, Ca. 95816

## **SALINE COUNTY BRANCH OF KANSAS**

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

**SAN FRANCISCO BRANCH**

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

**SAN GABRIEL VALLEY BRANCH**

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

**SAN MIGUEL BRANCH**

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

**SANTA BARBARA BRANCH**

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

**SANTA CLARA VALLEY BRANCH**

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

**SEATTLE BRANCH**

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

**SHEPHERD, THEODOSIA BURR BRANCH**

1st Tuesday, 7:30 p.m.  
Senior Citizens Bldg., 420 Santa Clara St.,  
Ventura, Ca.  
Mrs. Hattie Lee Keller, Secy.  
510 E. Yucca St.  
Oxnard, Calif. 93030

**SOUTH SEATTLE BRANCH**

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

**TARRANT COUNTY BRANCH**

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

**TEXASTAR BRANCH**

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

**WESTCHESTER BRANCH**

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

**WESTERN PENNSYLVANIA BRANCH**

2nd Wednesday, 11 a.m.  
Pittsburgh Garden Center, 1059 Shady Ave.,  
Pittsburgh, Pa.  
Mrs. Marguerite Fehl, Secy.  
210 Vincennes Ave., Oakdale, Pa. 15071

**WHITTIER BRANCH**

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

**WILLIAM PENN BRANCH**

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

**RETIRED FARM COUPLE**

(Continued from Page 37)

and gravel, do the clean-up stuff and wash dishes."

"He just doesn't do very well in the greenhouse," explains Mrs. Routh. "He doesn't know one flower from another, and somehow has never been able to learn. You have to know the plants and what you're doing, and rather than do it over — which sometimes I couldn't do — well, it works better if I do the plant work and he does other things."

"Which suits me, too," replies Routh. "There's plenty of other things to do."

He keeps a cow and calf, a hog, and feeds a few steers — keeping one for the freezer as needed and selling the others. They still like having their own meat to butcher. He also harvests his own hay for feed, has a garden, and small orchard. So — as he says, there's plenty of things to keep him busy.

In her spare time, Mrs. Routh likes to do needlework — crocheting, knitting, embroidering, and hand quilting. Evidence of her work is all around the house, a beautiful crocheted bedspread, a bright tablecloth, and the quilt she is working on. The Rouths have four married children — two sons and two daughters — 12 grandchildren and one great grandchild. She makes needlework gifts for all of them, so she, too, has other things besides her greenhouse work to keep her busy.

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