

# Primroses



Winter 1981, Vol. 39, No. 1

American Primrose Society  
Quarterly

Winter Issue 1981

Vol. 39, No. 1

Copyright 1948  
Entered 2nd Class  
Tacoma, Wash.

Editors:

Cyrus and Rita Happy  
11617 Gravelly Lake Dr. SW  
Tacoma, Wash. 98499

ISSN 0003-0619



On the cover

*P. marginata*, a native of the Alps, brightens garden rockery in early spring. This shrubby member of the auricula section features lavender flowers and serrated leaves neatly outlined with meal.

Notice to members

Preparation of winter quarterly was begun in good time, but extreme difficulties in verifying and preparing the membership list for publication caused long delays and scheduling problems. The editors remind APS members that this is a voluntary position, equal in its time demands to the horrifying work of the seed exchange chairman; but we do regret any inconveniences caused by belated printing and distribution.

# President's message

This is a new year. I am not one to make New Year's resolutions only to be broken later. I am a gardener and plant grower with emphasis on primula. Like other APS members, once smitten with primula fever we never give up.

A new year offers a new beginning, new dreams and new hope for the season ahead. We will all remember this winter of 1980-1981. Here in the Pacific Northwest it was the mildest in a long time, and for the rest of the country it was the coldest in a long time. We hope the snow cover proves enough to protect our precious plants — primroses and others.

No matter what our past losses, disappointments and failures were, as gardeners we plan and look forward to spring and a super year for 1981.

I hope that this season many more of you will get involved in seed production and collection. There is a big demand and little or no supply of seed by separate color. It is no big deal for one person to pollinate a few blooms of your favorite primula, either self it or cross it with another of the same color, label the cross, save the seed, then share it with the APS seed exchange.

It doesn't have to be a large amount of seed. If enough members hand pollinate just one plant and share the seed, it will make a tremendous contribution to the world of primroses. Of course, you are not limited to one cross. You can make any kind of cross you desire, but label and keep a record of what you did. Open pollinated mixed seed is a drug on the market.

If any of you are planning to see primula plants in nature, do not forget your camera. Take an extra shot for our slide collection or have your best ones duplicated. Send them to our slide director. We especially need slides of primulas in their native habitat, close up of plant and flower and general habitat pictures with description of area, elevation and specific conditions.

Many primula areas are accessible in the United States, Europe, Asia, Japan and Alaska with air travel, improved roads, ski lifts and helicopter service. With proper advance planning and permits you can bring back both plants and seed.

For the year of 1981 I wish you the best. I look forward with enthusiasm and anticipation for the best year ever for primroses and the American Primrose Society.

Herb Dickson

In this issue

President's message.....	3
Garden brighteners.....	4
by Herb Dickson	
Midwest notes.....	10
by Ralph Benedict	
APS business.....	11
Glossary.....	12
by Ruth Huston	
Primula <i>duckelmanni</i> .....	14
trans. by G. K. Fenderson	
Mailbox.....	16
Diary of a Primroser.....	20
Membership roster.....	24



Peter Klein's juliana jack-in-the-green

## Garden brighteners

by Herb Dickson

You can brighten your life with a riot of spring color. Just plant some primula species and hybrids.

Many primroses are hardy perennials. They are easy to grow and come in a wide range of sizes, types and colors. With proper selection of types and some attention to their cultural preferences you can have plants in peak bloom from early spring to early or mid-summer.

### Season starters

*Primula juliae* and its hybrids, known as julianas, start the bloom season. This species is extremely hardy. It goes semi-dormant in the winter and spreads by a creeping rootstalk.

*P. juliae* has magenta flowers on single stems when the heart-shaped leaves are still small. The julianas have many forms and colors, and their blooming season varies according to the other parents of their pedigree.

The oldest and most widely distributed named *juliae* hybrid is Wanda, a vigorous — almost indestructible — plant producing blankets of purple flowers. Other old named forms include Kay, a blue; Dorothy, cream; Snow Maiden, a pure white; and Springtime, light pink.

### Early spring colors

Some more recent varieties include Marguerite, bright yellow (stalk form with flowers in umbels like the polyanthus); Buttercup, a light yellow cushion form; Royal Velvet, dark velvety red stalk form; and Jay-Jay, a deep red cushion form with jack-in-the-green flowers (the calyx develops into small leaves that surround each flower to make a little nosegay).

Recently a strain of mini-juliana seed has come on the market. Seed and plants are



The Clarkes' white *P. rosea*

generally available. These come in the most gorgeous array of colors imaginable — glowing reds, pinks, purples and yellows and soft pastel shades and tints in fantastic color combinations.

### Don't know when to quit

These new julianas cover themselves with so many blossoms in the spring that foliage is almost hidden. The plants have only one fault. They don't know when to quit blooming. This lack of dormancy makes them subject to winter damage in severe weather.

Spring companion to the julianas is *P. rosea*, which sends up stalks of hot pink flowers when the leaves are starting to unfold. Later the leaves grow to six to eight inches and the flower stalk elongates to 10 to 14 inches to produce seed above the foliage.

### Mound of pink

A solid mound of light pink flowers is the feature of a hybrid, *P. Peter Klein*. Klein's hybrid between *P. rosea* and almost flat, pale pink, less hardy *P. clarkei* captured the hardiness of *P. rosea* and added hybrid vigor to plant and flower. The desirable plant is in short supply, but it is available.

The true primrose, *P. vulgaris*, offers its display of pale yellow acaulis flowers in the early spring. Myriads of modern acaulis (one flower per stem with many stems growing from the plant's center) hybrids come in any color one can imagine. Plants featuring double blossoms have been developed, but some lost the natural hardiness of their parent species.

Rosetta Jones of Kent, Wash., is successfully breeding hardiness back into



Jim Menzies' prize-winning deep red cowichan polyanthus

these gorgeous new double acaulis lines. She produces a very limited amount of seed of the hardy doubles. All 1980 crop is gone, but she hopes 1981 will be a good seed year.

### Polys start long display

As the acaulis reach their peak, the popular polyanthus primroses start their long display.

The polyanthus is a hybrid group that has been developed over several centuries from *P. veris*, *P. elatior* and their subspecies in Europe and Asia Minor. The breeding program is still in a vigorous state.

These are desirable plants. I can remember the thrill of the true blue polyanthus and how a mass planting disappeared within three days from a Tacoma park.

The Pacific strain of polyanthus and the new mini-julianas are also seen as a

greenhouse crop sold in small pots as house plants in midwinter and very early spring. Their cheerful colors are irresistible in supermarkets and garden stores, but their survival rate is low if they are planted out at that time of year.

### Getting unusual colors

Unusual polyanthus colors are resulting from the use of the Cowichan strain in a breeding program. The Cowichan polyanthus was discovered in a garden near Lake Cowichan on Vancouver Island, British Columbia, Canada, some 40 years ago or more. It was a deep solid red with no yellow eye in the flower and reddish foliage. No one knows the plant's background.

These hybrids feature a special glow in the colors, and the small eye—or complete lack of eye color—increases the total color effect of the plants.

### Time for auriculas

As the polyanthus reach their peak, species and hybrids in the auricula section start their bloom. Many small plants in this group make excellent rock garden plants.

Auriculas are extremely cold hardy. They can be grown in pots exposed to sub-zero weather without harm.

Garden auriculas used to produce flowers with dull and uninteresting colors, except for the yellows. Selective breeding programs have given them many bright beautiful colors.

The same thing happened to the old double garden auricula. These now have new attractive colors with fully double flowers on stout, stiff stems that hold the flowers in a tight umbel that look right up at you.

### Grow for foliage also

*P. marginata* in the auricula section (and

### Vigorous, large-blooming garden auricula

its hybrids) bloom early—sometimes with the julianas. These are always in shades of lavender. Even if they never flower, they are worth growing for their beautiful foliage of deeply serrated leaves with a white line of farina on all edges.

Growing in the same season — and after — come the easy landscape primroses.

*P. sieboldii* from Japan is a hardy woodland plant that goes dormant when it gets hot and dry. Provide plenty of moisture before and during flowering, and remove weeds once before flowering. Then forget them until next year same time.

### Stately candelabras

The tall candelabra primroses from Asia have many species in the wild; but they cross breed so completely when they are grown close to each other that true species





Skupens' lavender *P. denticulata*

seed is hard to get. Interbreeding only tends to improve their color range and garden quality.

Candelabras, *denticulata* and the belled primulas of the Sikkimense section are known as bog plants, but their water must be fresh and moving. They will grow nicely under ordinary garden conditions if they are given plenty of water, but they are best grown as streamside plants.

*P. denticulata* sends up round balls of closely packed small flowers in all shades from white through lavender to red. Be careful not to douse this plant with cold hose water if it wilts or flags on a hot day. Wait until evening or you will kill it sudden and certain.

#### Closing the season

The bell flowered *P. sikkimensis*, *alpicola* and *florindae* close the season with their sweet-scented pendant bells in shades of yellow through red atop tall straight stems. These are also streamside

plants that will prosper in almost any garden with ample moisture and partial shade.

Primulas grow so easily from seed that this is the best way to get a supply of plants. If you live where there is a reliable snow cover for winter, you can grow a great variety of primula even if air temperature drops to 60 degrees below zero— just as long as winter isn't interrupted with a false spring.

If there isn't enough snow, using some form of deep mulch that does not pack down is best. Winter sun on unprotected frozen plants is nothing short of murder.

Of course, I have left out many beautiful and desirable species because of their exacting cultural requirements. But these are the easy and cheerful ones to brighten your early spring gardens.

Herb Dickson, APS president, recently prepared an article for "Horticulture" magazine. He has shared his first draft with members of the society. The Dicksons grow their plants and dispense information from Chehalis Rare Plant Nursery at Chehalis, Wash.

.....OFFER EXTENDED.....

**"Schultz-Instant"**  
CONCENTRATED SOLUBLE  
**Fertilizer**  
20-30-20  
with Model 5 "MIXERATOR YARD GUN"

¼ teaspoon per gallon water grows vegetables, flowers, roses, trees, shrubs, lawns, everything for yard & garden.

The patented non-clogging "Mixerator" Yard Gun makes application easy on large areas.

Available at your store or send \$7.95 with this ad for 5 lbs Schultz Fertilizer plus a \$2.95 "Mixerator" Free. (Estate Size 25 lbs with 2 "Mixerators" \$30.00). Free delivery. Extended, limited offer. Immediate shipment.

**Schultz Company**  
Dept. 11730 Northline, St. Louis, MO 63043

**TRY JOE'S BULLETIN** — our nation's oldest flower-garden magazine. Buy, sell, exchange *nationwide*. **Save!** Make new friends. Samples 25¢ postage. Write Box 144, Lamoni, La. 50140.

## SPRING HILL FARM

P.O. Box 42  
GIG HARBOR, WA 98335

Fresh Seed of  
Polyanthus, Acaulis, Juliae  
\$1.00

Double Vernalis,  
\$3.00 for 50 seed

Transplant after August

**RUTH BARTLETT HUSTON**

### Species and Cultivar Primulas

Ericas, Callunas, Phlox, Saxifrage, Dwarf Conifers, Container Plants and Alpines

Precise Catalogue 40¢

**THE ROCK GARDEN**

R.F.D. #2

Litchfield, Maine 04350

### SEED of DOUBLE ACAULIS

Per Packet (30 Seeds) — \$3.00

Supply very limited

Plants available at the nursery including  
a few juliana crosses.

Rosetta Jones  
6214 So. 287th St.

Phone 852-0330  
Kent, Wash. 98031

# Notes from the Midwest

by Ralph Benedict

We had a very wet spring and summer last year, even though just south the rest of the corn belt was very dry. This was fortunate for us because I spent part of the summer in the hospital. I am in fine shape now, but there is lots of work to get caught up on.

We have zero and below weather and 13 inches of snow on Jan. 10, so the primroses are covered well. We had a low of -18 degrees so the peach buds will be damaged.

The seed list came yesterday. It is the best in years. We are fortunate for the fine work of the seed chairman and those who help.

\* \* \* \* \*



About six years ago we started crossing our best jack-in-the-greens with best hose-in-hose—both with double recessive genes. The past summer results of these crosses were far better than we had hoped for.

This picture was taken by a fellow APS member, Clarence Owens. It shows some pips with calyx only (with corolla removed) and some with flowers intact. Some had four colors in the calyx, all tipped with green. These plants are nice because they prolong and blooming period. The calyx remains colorful after the corolla shrivels.

\* \* \* \* \*

This is a note of thanks to Alice Hills Baylor.

Last summer we had the most beautiful japonica double seedling bloom. Every bloom was a perfect double — just what we were hoping for. This was the best one of six double seedlings produced from 18 plants from double parents.

Just as the seeds were forming on the lower whorls, the plants started to rot at the crown. Weather was in the high 80s and low 90s with daily rain. I lost the plant; however, I cut off the stem, placed it in a jar of water, set it in the shade on the back porch.

It continued to develop. The seed ripened okay. I now have three flats of seedlings from this.

Mrs. Baylor brought this method up on one of her articles. It worked very well for me.

# Board outlines plans, policies

Policies and plans for the national show were discussed at the January meeting of APS officers and board members.

A letter from Jim Menzies prompted the following opinions, according to secretary Ann Lunn:

1. The number of entries per class that an exhibitor may count toward the sweepstakes trophy should not be limited.

2. Individual chapters have the right to decide if they want to include an unjudged exhibit table.

3. Dorothy Dickson will set up a refresher course for judges in the spring and will organize a judging school next year. No test will be given with the refresher course, and any member is welcome to attend.

## Slide chairman keeps busy

Slide chairman Dorothy Dickson is keeping the post office busy, but she says her job would be easier if borrowers could give her more information.

"When you order slides, give the date you need them," Mrs. Dickson says. "The slides will be sent by United Parcel Service unless otherwise requested."

If the borrower will tell Dorothy what kind of group the slides will be shown to, she can tailor a program to fit specific needs.

More slides are needed to replace and replenish the programs. Dorothy sent her "thanks" to Fred and Helen Clarke and Jay and Ann Lunn who recently donated slides to the society's collection.

A motion was approved to reinstate any former qualified judge who was eliminated by previous rulings of the society. To judge at a national show, one must have a judging certificate and be a member of APS. Judges are urged to attend refresher courses, but they are not required to do so.

Seed chairman Ross Willingham reported that cost of buying seed from this year's exchange totaled \$750. Seed lists were mailed to 601 members.

Willingham said that since the cost of commercial seed is increasing, he needs members to contribute separate colors of acaulis, polyanthus and candelabras. He also asks members to donate seed from crosses they have made and to include the names of the parent plants.

## Former Officers Will Stay

Nominating committee chairman Vasco J. (Flip) Fenili has submitted the following slate of officers for the new season:

Herbert Dickson, president; Frank Berthold, vice president; Ann Lunn, recording secretary; G. K. Fenderson, treasurer; Alice Hills Baylor, corresponding secretary; Alice Hills Baylor and Elizabeth Van Sickle as directors.

Other directors who remain in office include Ruth Huston, Loie Benedict, Helen Moehne and Eileen Trzynka.

# What does that word mean?

by Ruth Huston

At the information desk at shows and in talking to garden club members I find that I am asked questions if I use even the commonest words to describe plants and plant parts.

Here is a list of terms the primrose gardener may find useful:

Acute: pointed  
Alba: white, flower or leaf  
Alpine: area above timberline  
Annula: thick ring in throat of a flower  
Anther: pollen-bearing part of the stamen  
Arachnoid: cobweb like  
Attenuate: gradually narrowing to a tip or base  
Bullate: puckered or rough  
Bog: standing shallow water  
Bulbous: having a bulb formation  
Biennial: living two years  
Bract: leaf from which a flower arises  
Calcareous: containing lime  
Campanulate: bell-shaped  
Cordate: heart-shaped  
Crenate: with rounded teeth  
Crenulate: minutely notched  
Corolla: extended part of flower  
Cuneate: wedge-shaped  
Calyx: leaf-like protection of flower bud  
Cushioned: low mat or pad of foliage  
Dentate: toothed  
Depressed: turned aside, pressed down, low  
Dimorphic: in two forms (pin-thrum)  
Deciduous: falling away, losing its foliage  
Dormant: resting, asleep  
Deflexed: bent or turned abruptly

downward or backward  
Erose: margin irregular as if gnawed  
Entire: margins with smooth edges (leaves)  
Efarinose: without farina  
Fibrous: containing plant fibers as roots  
Farinose: white or yellow meal on plants  
Farina: the meal  
Glabrous: smooth, hairless  
Globose: shaped like a globe  
Glaucous: having white, bluish or gray bloom  
Herbaceous: soft, without wood, leaf-like in texture  
Inflorescence: flowering part of a plant  
Involute: edges of young leaves rolled upward, inward to center  
Lamina: leaf blade  
Lanceolate: lance-shaped  
Limb: expanded corolla beyond tube  
Linear: long with parallel sides, like grass blade  
Loam: garden soil with humus  
Lobes: rounded division of leaf or corolla  
Lobulate: rounded  
Monocarpic: of one form  
Ocbordate: reversed heart-shaped  
Obovate: egg-shaped but with broader end at apex  
Oblanceolate: lanceolate but with broader end at apex  
Obtuse: blunt ended  
Obicular: circular in outline, rounded  
Oblong: longer one way than the other  
Palmate: divisions and veins running from a common point  
Pedicel: stock of a single flower

Perennial: plant living for many seasons  
Pendant: drooping  
Petiole: leaf stalk  
Pin-eyed: having the pistil showing at the throat  
Pinnate: with leaflets along the sides of midrib  
Pinnatifid: divisions not reaching down to mid-vein  
Paste: white or yellow meal on some P. auricula blooms  
Pubescent: with short soft hairs, downy  
Raceme: flowers on pedicels of equal length in spike  
Reflexed: bent abruptly downward  
Reniform: kidney-shaped  
Retuse: with rounded apex with notch  
Revolute: young leaves rolled outward toward outside  
Rhizome: underground stem with roots, often creeping  
Rootstock: like rhizome, but upright  
Rosette: leaves arranged evenly around crown  
Rufous: reddish-brown or reddish-yellow, usually leaves or hairs  
Rugose: with wrinkled or creased surface  
Sagittate: arrowhead-shaped  
Scape: flowerstock  
Serrate: saw-toothed pointed toward apex  
Sessile: entirely stemless

Spatulate: spoon or paddle-shaped  
Spicate: arranged in or resembling spike, individual flowers sessile  
Stolon: stem on or underground rooting at tip  
Stoloniferous: bearing stolons  
Subcordate: somewhat heart-shaped  
Shrubby: with woody elongated rootstocks  
Suborbicular: more or less circular  
Subrotundate: somewhat rounded in outline  
Superimposed: one above the other on the same stem  
Thrum: with cluster of stamen showing at throat  
Truncate: base of leaf blade cut off squarely  
Tuft: cluster of elongated leaves rising from crown of a plant  
Umbel: flat or rounded flower cluster at top of stock  
Undulate: margin wavy  
Vein: framework of leaves running from the stem  
Venation: arrangement of veins  
Whorl: circle of flowers around a stem, as in candelabra  
Ruth Huston's glossary compiled at her Spring Hill Farm nursery at Gig Harbor, Wash., was amplified and aided by How to Identify Plants by H.D. Harrington and L.W. Durrell, botanists at Colorado State University in 1957 when the book was published.

## Goodwin's Seeds

- Polyanthus primroses
- Flower, tree, shrub, vegetable and herb seeds
- Australian native tree and shrub seeds a specialty
- Cassette tape on our own polyanthus strains
- Send \$8 U.S. for air mail.
- List of all seeds

Send \$2 U.S. for it air mail or get it with a packet of giant hybrid poly for \$6 air mail

Send check, cash or bank draft to:

**GOODWINS**

Bagdad

Sth. 7407, Tasmania, Australia

# Primula duckelmanni

*Primula duckelmanni* was first collected on a sunny slope near Chodscha. Said in a tributary spur of the Andarb Valley east of Doshi in northern Afghanistan. The first gathering of this species was made by R. von Duckelmann at the beginning of April in 1951. The type is indicated by Wendelbo (*Flora Iranica*, Primulaceae, p. 5 1965) to be deposited in Vienna.

*Primula duckelmanni* Gilli in Feddes Repert. H.1, Bd.62, p. 22 (1959) is a species with cordate orbicular (pinnately veined?) leaf blades 2-5 cm. broad and long, deeply divided for one-half to two-thirds their breadth into seven lobes. The latter are narrowly obovate, strongly bidentate or once again lobed, and the margins are subobtusely or subacutely dentate.

The upper leaf surface is green and glabrous or sparingly pilose along the nerves. The lower surface is pallid and more or less villous along the nerves. The petiole is 5-13 cm. long, greatly exceeding the blades, is narrowly winged, villous, becoming glabrescent at maturity.

The scape is 10-15 cm. tall, and much exceeds the foliage. It is sparsely pubescent near the base but is densely so along its upper portions. The few flowered (4-5) umbel is composed of lanceolate acute pilose bracts 3-5 mm. long and of pubescent pedicels 5-10 mm. long which usually much exceed and rarely only equal the bracts.

The cylindrical pubescent calyx is 5-7 mm. long, 1-2 mm. broad and is divided for one-half to one-third of the calyx tube into linear, erect more or less blunt tipped lobes, which are more or less parallel sided and somewhat overlapping. The corolla is deep red-violet with a cylindrical

tube 13-15 mm. long, 1-2 mm. broad, two or three times as long as the calyx and a flaring limb 12-17 mm. in diameter divided into obcordate notched lobes.

This species is assumed to be endemic to its area of collection and is most nearly allied to *P. kaufmanniana* from Turkestan. It is to be differentiated from that species, according to its author, by its deeply seven lobed leaves and by the thick pubescence of its upper scape, bracts, pedicels and calyx.

It is further characterized by its linear blunt pointed calyx lobes, which are most noticeably shorter than the calyx tube and which are somewhat overlapping at

the margins in contrast to the calyx lobes of *P. kaufmanniana*. According to Regel, lobes of *P. kaufmanniana* approximately equal the calyx tube, are lanceolate, acute and show sinuses between themselves. In addition in *P. duckelmanni* the pedicels are noticeably longer than the bracts. In *P. kaufmanniana* the pedicels, according to Regel, are shorter than the bracts.

Subgenus *Auganthus* (Link) Wendelbo Section *Cortusoides* Belfour f. Series *Kaufmanniana* Fedorov

Reference: *P. kaufmanniana* Regel in *Acta Hort. Petropol.* iii, 131 (1874)

This botanical description translated from the Latin by APS treasurer G. K. Fenderson can be used as an exercise.

Since most of us don't grow this primula and couldn't consider ourselves to be on a first-name basis with it, here's a challenge. Could you use the short glossary as you read this description to produce a mental image of the plant? If a spring storm keeps you from your gardening chores, could you draw it?

**THE SCOTTISH ROCK GARDEN CLUB**

*offers you . . .*

Its twice yearly journal, well illustrated in black & white, and containing authoritative articles on all aspects of rock gardening, rock plants, and their worldwide haunts. Its excellent annual scheme for the distribution of rare and unusual seed amongst its international members.

\$3.50 for 1980-81  
\$5.00 for 1981-82

ROBERT J. MITCHELL  
University Botanic Garden  
St. Andrews, KY16 8RT, Scotland

**"Schultz-Instant"  
LIQUID PLANT FOOD**

**EASY TO USE**  
"Just add 7 drops per qt. in the water  
Everytime you water.  
Everything you grow."

Ultra Pure, Concentrated, 10-15-10,  
Liquid, All Purpose, "Starts & Feeds  
Formula". Convenient for all indoor  
and outdoor uses. 3 Sizes.

Available at your store or send  
\$1.50 for 9 1/2 oz. \$2.75 for 12 oz.  
\$4.00 for 28 oz. (includes mailing)

**7  
DROPS  
PER QT.**

---

**"Schultz-Instant"  
Fertilizer**

**EASY TO USE**  
"Just add 1/4 tsp. per gal. in the water  
Everytime you water. Everything you grow."

Ultra Pure, Concentrated, 20-30-20, Soluble,  
All Purpose, "Starts & Feeds Formula".  
Sizes for Gardens, Vegetables, Flowers,  
Roses, Shrubs, Trees, Lawns, Greenhouses,  
Nurseries. 3 Sizes.

Available at your store or send \$2.50 for  
1 lb. Small Garden Size, \$3.95 for 3 lb.  
Lawn & Garden Size, \$3.50 for 25 lb.  
Estate Size (includes mailing).  
By the makers of "Plant Shiner"

**14  
TEASPOON  
PER GAL.**

SCHULTZ CO.—St. Louis, MO 63043  
SEND FOR OUR FUND RAISING OFFER

Join the  
**Eastern Chapter  
of A.P.S.**

Send \$1.00 to:  
G.K. Fenderson  
Grout Hill  
South Acworth, NH 03607  
Receive notice of annual  
meeting and seedling sales.





## From the mailbox

People at the summer primrose picnic came up with some good hints on growing. Cut worms seemed a universally nasty problem.

On our way home I bought a cheap spotlight which could be carried all over my garden on a lengthy extension cord. Hand picking of cut worms, cabbage worms and slugs made a terrific difference in the population. Of course, it could only be done on a 80 by 140-foot area, like mine. I was too late to prevent my primula cockburniana seedlings from being made into green lace by the cut worms.

Friends laughed at my idea for keeping slugs out of my baby primula flats— but it worked. I hung them up — about 25 flats — from the roof of my plant shelter! It also made more space available, and I think it was cooler up off the ground when that heat wave struck in August. Possibly they needed a bit more watering, but that had to be done regularly anyway.

**Thea Foster**  
**Foster's Folly**  
**566 Esquimalt Avenue**  
**West Vancouver, B.C.**

I am presently filling the position of librarian for Dartmouth Horticultural Society. To promote the growth of primroses here in Nova Scotia, I've donated my copies of APS quarterly from 1975 to present to the cause.

So what I'm after is this: anyone wishing to donate any issues prior to 1975, please write to me. Thank-you for any assistance you may give.

**Happy gardening,**  
**Frank Osborne**  
**15 Shawinigan Rd.**  
**Dartmouth, N.S.**  
**Canada B2W3A1**

On the ferry coming home from the study weekend you asked Elizabeth van Sickle and me is we had any suggestions for the quarterly. Here is something I would really like to see: a little space each time the quarterly comes out devoted to the correct pronunciation of primula species. Maybe jsut a few each time, broken down into syllables and emphasis on the main one.

This is so frustrating at times to me, and I'm sure there must be others like me. If we are going to grow these plants and love them so much, we should be able to pronounce their names correctly.

Also I would like to see a few words listed each quarterly giving us help in identifying kinds of plants and leaves so when we see them in articles we will be familiar with them and will be able to identify plants or leaves they describe. I have a list I obtained from Ruth Huston, but I think a little drill on them now and then — the ones that pertain to primula—would be helpful. I hope I'm not the only dummy!

**Anita Stevens**  
**300 Dungeness Meadows**  
**Sequim, Wash. 98382**

**Ed. note: This issue includes a glossary. Now who wants to volunteer to do the pronunciation guide?**

Thank you (or whoever was responsible) for the summer edition of Primroses. It was the first time that I had read your magazine and this issue was particularly absorbing. It was also something of a disappointment in that I had intended to print Glenny on Gold-Laced Polyanthus in the 1981 edition of the British Northern Section's yearbook. Out of deference to those who are members of both societies, this may now have wait until 1982.

The item was particularly apposite in view of the renewed discussion in the Northern Section concerning the presentation of the GLP for exhibition. There was some controversy last year about the minimum number of pips which should be permitted; we eventually agreed to retain the present figure of five. It was also decided to allow multi-stemmed plants to be shown provided that all stems except one were tied down, thus leaving the judges in no doubt as to which truss was the be judged.

Recently there has been a resurgence at our shows of single-crowned plants which, to the eyes of many of us, are aesthetically far more pleasing than the miniature forests to which one had previously been accustomed. The reason given for the continuance of the multi-stemmed plant was that present varieties do not posses sufficient vigour to give a worthwhile truss of bloom when grown on the single crown.

From a reading of Glenny, it would appear that this has always been a problem and that those plants with a marked tendency to offset profusely and consequently to produce an increased number of stems each carrying a small number of pips are not a new phenomenon. It would therefore benefit us to try to breed out this trait and re-select those plants which restrict themselves naturally to a small number of crowns.

My limited experience would suggest that plants of this kind are not at all common but they do occur. Unfortunately, those specimens in my collection which exhibit the best form also tend to split up, while the odd ones which tend towards singularity are below show standard. The first seeds from crosses between the two types are now in the seed trays and the future uncertain. The prospect of a full bench of vigorous, single-stemmed exhibits held out as the ideal by Glenny is most inviting.

It is also reassuring to note that the size of bloom quoted in your article is about the same as that which one often sees today. It would seem to show that either the GLP had declined in vigour by Glenny's day or the artists' illustrations of the best varieties of that period contained a fair dash of artistic license, thus leaving us with an inferiority complex about the size of our present-day blooms. I have a feeling that some of our best varieties and strains would not have been sneezed at by the old growers.

I see from your 'Mailbox' that you have had some discussion about the candelabras. I hope that the article in our 1980 Year Book proved of interest. Should you wish to print it in one of your future editions, please contact the author, Mr. Sinclair of Barnhaven, Brigsteer, Cumbria: as Editor I have no objections.

At a couple of our shows in the past few years, a striking specimen of *P. Ellisiae* has been exhibited. It is a most graceful thing. Could you recommend a nursery as a possible source of either plants or seeds? Any indications as to treatment and culture would also be gratefully received.

Once more, congratulations on the most attractive magazine. I hope your readers appreciate the effort that goes into producing it. It is not an easy task to compile one per year: the thought of turning out four would not appeal to me. I can only admire your stamina and tenacity in succeeding.

Yours sincerely,

Allan Guest  
3 Church Walk,  
Euxton,  
Chorley,  
Lancashire, England  
PR7 6HL

The **ALPINE GARDEN Society** known in 27 Countries throughout the World for its illustrations and technical standards.

ANNUAL SEED DISTRIBUTION LIST, with preferential treatment for overseas members, of some 5,000 varieties, including new introductions otherwise unobtainable  
ANNUAL SUBSCRIPTION \$7.50 — payable to the Secretary:  
E.M. Upward, Lye End Link, St. John's, Woking, Surrey, England  
— Send for fully descriptive folder —

The **American Rock Garden Society**  
(founded 1934)

cordially invites you to join its growing  
list of enthusiastic members

Annual Seed List • Quarterly Magazine

Family Membership — \$10.00 Overseas Membership — \$8.00  
Single Membership — \$9.00 Patron Membership \$25.00  
Life Membership — \$250.00

Donald Peach Rt. 1, Box 282 Mena, Ark. 71953

# Your flowers and shrubs need more than just sunshine and rain. They need ORTHO.



**ORTHENE Insect Spray**—a new *biodegradable* systemic insecticide for use on roses, flowers, ornamentals and trees. Gives fast contact kill of a broad range of insects, with up to 3 weeks residual protection on Aphids. 1 pt. makes up to 32 gallons of spray.

**ORTHO Rose & Flower Jet Duster**—a new and easy way to control insects and diseases on flower foliage.

**ORTHO Rose Food**—an 8-12-4 formulation to provide all the nourishment needed for luxurious foliage and a minimum number of beautiful rose blooms; for new plantings and established plants.

**Gardening shortcuts**—invaluable information on frost protection, raised beds, vertical gardens, pruning, containers, and lots more.

**ORTHO Lawn and Garden Sprayer**—a convenient and accurate sprayer that works with your garden hose.

TM's—ORTHO, CHEVRON AND CHEVRON DESIGN—ORTHO REG. U.S. PAT. OFF.

AVOID ACCIDENTS. FOR SAFETY READ ENTIRE LABEL INCLUDING CAUTIONS AND WARNINGS AND USE ALL CHEMICALS ONLY AS DIRECTED.

Who knows more about gardening than ORTHO?

# Diary of a Primroser

by Cy Happy

This year winter and spring in the mild Puget Sound country are indistinguishable. Some primroses have seldom been without flowers—or slugs. The early bloom on my cross of small eastern oxlip x *P. julia* is either purple or creamy yellow and right at ground level. Nice to know that the promised yellows are really there. Most other crosses of *P. juliae* and a species vernaes produce nothing but shades of purple.

The last mailing of the quarterly reached the 900 mark, perhaps an all-time record. The mailing chore had become too much for the editors, and a mailing committee has taken on the job. Pat and Frank Ridgeway reworked the mailing list and produced the labels. Flip Fenili and Milt Gaschk counted, sorted, bundled and hauled. There seemed to be fewer copies returned than usual so the job was done well. Please keep us informed of changed addresses and zip codes. Where are you, Gertrude Clark?

## Super saturation

We just returned botanically saturated from another fine Northwest Study Weekend, sponsored by the various northwest alpine and rock garden societies. Registrations numbered 298. Not just folks from Oregon, Washington and B.C.—people came from Wisconsin, Colorado, Illinois and many from California.

Sheila Maule from Scotland was a charming featured speaker. Included in her slide talk were *Primula reinii alba* from Japan, *P. tschuktschorum* from Alaska, *P. aureata* resembling fried eggs and thriving in a very coarse leaf mold, ground-hugging *P. reptans*, skyblue *P. bhutanica* and shrubby *P. forrestii*. Nurseries and plant societies (including APS) put on displays in the exhibit hall. If you missed it this year, mark your calendar for late February in Portland, Ore., next year.

## Tending to *P. cusickiana*

Last year Dorothy Tewinkel, Rt. 1, Box 1491, LaGrande, OR 97850, collected seed of *P. cusickiana* and shared it. I distributed it to several good growers. The seed was pale green because it had to be gathered green in the pod. Mine are swelling in the refrigerator in a little water—as they would be doing in melting snow.

Dorothy had found the plants in bloom on 21 May last year. When she returned 10 days later, after a snowfall, she found the deer and elk had eaten most of the seed pods. She hopes to be more successful this year. For her it is a 164-mile round trip in a 4-wheeled drive vehicle. The Tewinkels are getting to be authorities on the Target Springs area. Now we need someone to do the same for *P. maguirei* in Logan Canyon of the Wasatch mountains in NE Utah.

## Help on the way for soil problems

Phil Pearson and his partner Steve Doonan have a nursery in Issaquah, Wash. They

have had great success with soil mixes and rooting cuttings. Phil has promised an article on potting and garden soil mixes that will be most helpful. I'm hoping to learn the best way of rooting unrooted primula divisions.

For many years APS has been out of touch with botanists in the USSR. At long last we made contact with Dr. Lapin at the main botanic garden in Moscow. The coming years should bring articles for the quarterly and exciting seed for the seed exchange.

For those who have been wanting choice named-variety show and alpine auriculas, try Beth Tait, Primrose Acres, 14015 - 84th Ave. NE, Bothell, WA 98011. She has them and a lot more. Beth lost her husband, Lawrence, last year. We hope the beautiful spring season is helping her recover from the loss.

## APS loses two fine growers

Many APS members were saddened by the death of Mavis Pavey of Poulsbo, WA. Ludi Dines, long time officer and supporter of APS passed away last month. Our sympathies go out to the families and friends of these fine growers.

The 2nd Annual Hardy Plant Study Weekend (border perennials) is scheduled for June 20 and 21 at Edmonds Community College north of Seattle. Reservations, \$20, care of Evie Douglas, 11907 Nevers Rd., Snohomish, WA 98390. Phone 568-2829.

Speaking of hardy perennials, White Flower Farm, Rt. 63, Litchfield, CT 06759, offers one of my all-time favorite flowers, *Dianthus x Allwoodii* Doris, a glorious light salmon-pink with darker eye. I have been trying to get this exceptional garden pink for years. White also offers a selection of hardy primroses, polyanthus and *P. denticulata*.

## Where are Salem area members?

Louise Lucas, 392 Holder Lane SE, Salem, OR 97302, would like to bring together the APS members around Salem. She is a longtime grower, has worked with Mrs. Berry and contributed many articles to the quarterly. She has a lot to offer.

Our congratulations (and sympathies) to Pat and Thea Foster, who are the new editors of the Alpine Garden Club of B.C. monthly bulletin. We look with envy on Geoff Williams, the ex-editor. He did his job well.

## Interesting hybrid looks good

Jim Menzies has a lot of seedlings, *P. juliae* x gold laced polyanthus. Many promising flower types are appearing. Most have a stripe down the middle of each petal. Some have a touch of lacing too. The body color runs to dark purple. Size of each pip is mostly the correct dime size, and the flowering habit is generally polyanthus. The plants, when I saw them, seemed to be the tufted type rather than having the desired creeping habit of *P. juliae*. Hopefully that will reappear in the next generation. There has been considerable discussion about this cross. It looks good.

Last year I took too many double auriculas to the shows. When they returned home, most refused to set seed. The result was a small seed crop. We should have pulled our seed offer in the last issue. I put together small quantities of double seed that had been set aside for my own use and now have enough to fill a few more orders. If you have ordered some and have not received your seed by now, let me know.

Hallmark cards sells polyanthus wrapping paper, nicely done, using most of the polyanthus colors on a green background.

**NATIONAL AURICULA AND PRIMULA SOCIETY — Northern Section.**

Invites all Auricula and Primula Lovers to join this Old Society  
Membership of \$4.50 per year includes Year Book

*Hon. Sec. David G. Hadfield  
146, Queens Road, Cheadle Hulme, Cheshire SK8 5HY England*

**Rare Dwarf Slow Growing Conifers**

Flowering shrubs and unusual rock plants suitable for  
Bonsai culture are listed in our catalogue, **Alpenglow Gardens.**

**ALPENGLow GARDENS**

13328 King George Hwy. North Surrey, B.C., Canada

Specializing in the world's most famous strains of  
*P. acaulis* with beautiful, vivid colors.

Many other primroses, alpines, rare plants,  
dwarf irises, rockery plants, grafted evergreens.

Quality plants • Quantity discounts • Mail order welcome

OPEN WEEKENDS AND HOLIDAYS ONLY

**Alpenflora Gardens**

17985 - 40th Ave., Surrey (Cloverdale), B.C. V3S 4N8  
6 miles north of U.S. border, off Pacific Highway

**NATIONAL AURICULA AND PRIMULA SOCIETY — Southern Section**

Invites all Auricula and Primula Lovers to join this Old Society  
Membership of \$5.00 per year includes Year Book

*Lawrence E. Wigley  
67, Warnham Court Road, Carshalton Beeches, Surrey England*

**NATIONAL AURICULA AND PRIMULA SOCIETY — Midland Section**

Invites all Auricula and Primula Lovers to join this Old Society  
*Hon. Sec., Mr. P. Green*

*Primrose Hill, Bell's Bank, Buckley, Worcs., England*

**Share the fun of gardening.  
Invite a friend to join  
American Primrose Society.**



**PACIFIC NORTHWEST NURSERIES, Inc.**

Let us help you plan now  
for a beautiful garden. Our  
selection is now at its best.

GL 4-7173

11030-N.E. 6th • BELLEVUE

**PRIMROSE ACRES**

offers a limited selection  
of named show  
and alpine auriculas.

**Beth Tait**

14015 - 84th NE  
Bothell, Wash. 98011  
Phone (206) 823-8904

**Plan Ahead.**

Gather and  
share seed.

APS Seed Exchange  
2248 S. 134th  
Seattle, WA 98168

**OLIVER NURSERIES, INC.**

1151 Bronson Road, Fairfield, Conn. 06430

*offers choice rhododendrons, dwarf conifers,  
collector's alpines and companion plants for primulas.*  
Open 7 days a week during spring • Sorry no mail orders  
Telephone: (203) 259-5609

A place to visit and browse.

All plant lovers are welcome at

**CHEHALIS RARE PLANT NURSERY**

We grow a large selection of primula, alpine and rockery plants,  
dwarf trees and shrubs and many, many more unusual plants,  
mainly in containers.

Halfway between Portland and Seattle just off I-5  
**2568 Jackson Highway, Chehalis, Wash. 98532**

Sales at nursery only. No list. No catalog.

# Membership Roster

Clark Adams, 222 Eagle Mill Rd., Butler, PA 16011  
Wanda Adams, 919 Palm Ave., South Pasadena, CA 91030  
Betty Addamiano, 4222 Robertson Blvd., Alexandria, VA 22309  
Dorothy Agee, 3016 Cullaby Lake Rd., Warrenton, OR 97146  
Orval Agee, 11112 SE Wood Ave., Milwaukie, OR 97222  
Agriculture-Canada Library, Sir John Carling Bldg., Ottawa, Ont., Canada K1A 005  
AJABONA, 100 Rue du Jardin Bot., 54600 Villers les Nancy, Farance  
Mrs. Robert Alberts, Box 35, Amherst, NH 03031  
Anita Alexander, 35180 SE Hwy. 211, Boring, OR 97009  
Mrs. A. S. Alexander, "Robinsfield," Edenhall, Penrith, Cumbria, England CA 11 8SR  
Emmy Lou Allen, Hidden Hill, 8700 Snouffer School Rd., Gaithersburg, MD 20760  
Mrs. Harry L. Althouse, 1515 King St., Laureldale, PA 19605  
American Primrose Society, Eastern Chapter, 189 Taconic Rd., Greenwich, CT 06830  
American Rock Garden Society, 47 High St., Topsfield, MA 01983  
Allen E. Andersen, 56 Sioux Ave., Springfield, MA 01109  
Mrs. Carl H. Anderson, Gate House-State Rd., Narbeth, PA 19072  
John-W. Andrews Jr., 1646 - 10th St., Berkeley, CA 94710  
Helen App, Rt. 1, Bridgeton, NJ 08302  
Tomohisa Arekawa, 326 Koshihari, Natsue, 690 Japan  
Mrs. James Armentrout, 480 Morris Rd., Ambler, PA 19002  
Alice Armstrong, 1002 E. 140th St., Tacoma, WA 98445  
Mrs. Lawrence E. Armstrong, 11011 Pacific Ave., Tacoma, WA 98444  
Gus N. Arneson, 1004 NW 179th Pl., Seattle, WA 98177  
Arthur Mann Library, Cornell University, Ithaca, NY 14853  
John A. Askenback, 35 S. Turkey Hill Rd., Wesport, CT 06880  
Hans W. Asmus, 11413 N. Meadowbrook Dr., Mequon, WI 53092  
Bessie L. Austin, Terry Pl., Southold, NY 11971

Gwen Baker, 15 Ackleton Gardens, Bradmore, Wolverhampton, England WV3 7ES  
Mrs. Crenshaw D. Briggs, 2613 Dumbarton Ave. NW, Washington, DC 20007  
Mrs. I.D. Burrows, C/O P.O. Picheno, Tasmania, Australia 7215  
Mrs. Arthur Berg, 14554 Marquan Rd. E., Mt. Angel, OR 97362  
Mrs. Monica Brown, 14822 Jefferson Hwy. 99E-SE, Jefferson, OR 97352  
Mrs. A. Birmnet, Coruisk, Langbank, Port Glasgow, Renfrewshire, Scotland PA14 6XH  
Badgers Nursery, 405 N. Washington Ave., Kent, WA 98031  
Mrs. John T. Brown, 2276 N. Fairway Lane, Oak Harbor, WA 98277  
Alan Baker, 42 Balch Rd., Wells, Somerset, England BA5 2BZ  
Larry Bailey, 1570 - 9th Ave. N., Edmonds, WA 98020  
Mrs. Abner Belcher, 730 Young Rd., Mossyrock, WA 98564  
Andrew Abner Bary, 343 Blue Lakes Blvd. N., Twin Falls, ID 83301  
J. E. Bell, P.O. Box 36, Fonthill, Ontario, Canada LOS 1E0  
M. Eleanor Book, Rd. 1, Box 290, Coatville, PA 19320  
Jean Butts, 18521 - 38th Ave. S., Seattle, WA 98188  
Mrs. Donald Bolton, P.O. Box 2087, Sacramento, CA 95810  
Dr. G. M. Black, The Beeches, Houghton, Carlisle, Cumbria, Scotland CA3 OLL

A. Bowden, 11 Barnwill, Hanford, Stoke-on-Trent, Staffs., England ST4 8RJ  
Peter Buttle, P.O. Box 190, Blanco, TX 78606  
Ralph Balcom, 345 NW 88th St., Seattle, WA 98117  
Georgie M. Burt, MD, 1201 North 14th Ave., Fargo, ND 58102  
Leila A. Bradfield, 8110 West ML Ave., Kalamazoo, MI 49009  
Frank C. Berthold, 1614 NE 128th, Portland, OR 97230  
Sharon Burkhart, 3507 - 38th Ave. NW, Gig Harbor, WA 98335  
Stephen C. Brightman, 607 Lafayette, Steilacoom, WA 98388  
Jardins Botaniques, 100 rue du Jardin Botanique, 54600 Viller-les-Nancy, France  
George F. Box, Far Reach Trail, Putnam Valley, NY 10579  
Nina Balassone, 1130 Hoeberle Ve., Niagara Falls, NY 14301  
Mrs. E. LeGeyt Bailey, 157 Douglas St., Hartford, CT 06114  
Mrs. Elmer Baldwin, 45 Health St. E., Toronto, Ontario, Canada M4T 1S2  
Mrs. Frederick Baldwin, 105 North St., Foxboro, MA 02035  
Mrs. Wallace J. Balla, 189 Taconic Rd., Greenwich, CT 06830  
William E. Brown, 4 Wellesly Court, Coram, Long Island, NY 11727  
Kathleen K. Buchanan, 1767 Hamilton Dr., Valley Forge, PA 19481  
Irene N. Buckles, 13732 - 45th Ave. S., Seattle, WA 98168  
Mrs. Orville H. Bullitt, Twinbrook Rd., Berwyn, PA 19312  
Doris Burge, 2318 - 14th Ave., Forest Grove, OR 97116  
The Butchart Gardens, Ltd., Box 4010 Postal Station A, Victoria, B.C., Canada V8X 3X4  
M. Bennett, 40 Manygates Lane, Sandal, Wakefield, England WF2 7DG  
Dorothy O. Burns, 417 W. Benita Blvd., Vestal, NY 13850  
Gregory E. Becker, P.O. Box 3723, Eureka, CA 95501  
Mr. and Mrs. Brian Burrow, 40 Eastway, SALE, Cheshire, England M33 4DU  
Frank Burnett, 1007 S. 72nd, Tacoma, WA 98408  
LeRoy H. Busker, Box 64, Rockton, IL 61072  
Deborah A. Bissell, 392 Atkins Rd., Geneva, OH 44041  
Mrs. John Baltz, Lincoln Ave., Box 275, Rye, NY 10580  
J.M. Barlow, 83 Tattersall Gardens, Leigh-on-Sea, Essex, England SS9 29S  
Linda Barnes, 1018 E. 52nd, Tacoma, WA 98404  
Mrs. Gordon A. Barrett, Turnpike Rd., Petersham, MA 01366  
Mrs. Richard G. Barth, Rt. 1, Box 157, Canaan, CT 06018  
Doris E. Barton, 3303 Dixwell Ave., North Haven, CT 06473  
Valora Baton, 12760 SE 93rd, Clackamas, OR 97015  
Mary Baxter, 22422 Ninth St., Bothell, WA 98011  
Alice Hills Baylor, Stage Coach Rd., Rt. 2, Stowe, VT 05672  
Judith Becker, Undermountain Rd., Rt. 41, Salisbury, CT 06068  
Lois Beckman, Rt. 1, Box 810, Sequim, WA 98392  
Mrs. Nathan Belfer, 85 Bedford St., New York, NY 10014  
Florence Bellis, 2835 N. Oar Ave., Lincoln City, OR 97369  
Dr. Ralph Benedict, No. 14 Alpine Court, Wilson Lake, Hillsdale, MI 49242  
Keith J. Benedict, Raintree Florists Greenhouse, 1911 N. Denby Ave., Evansville, IN 47711  
Mrs. Verne F. Benedict, 30805 112th Ave. SE, Auburn, WA 98002  
James Benet, 206 Armentier Rd., Forestville, CA 95436  
Roberta S. Berg, 60 Cedar St., Wenham, MA 01984  
Marie Bertollette-Green, 1952 Bridgetown Pkwy., Feasterville, PA 19047  
Evelyn G. Best, 105 Florence St., Lebanon, IL 62254  
Barbara Billings, 2255 North Cove Dr., Mariner's Cove, Oak Harbor, WA 98277  
Viola C. Billings, 121 Harbor Rd., St. James, NY 11780  
Janet Binford, 6915 SE Sacramento, Portland, OR 97213  
Marvin Black, 124 N. 181st St., Seattle, WA 98133  
Margaret Blenthen, Waldron, WA 98297  
Alvin L. Bolt, 325 Fieldcrest Dr., Nashville, TN 37211  
Mrs. W. J. Bowerman, 3605 Apollo St. SE, Lacey, WA 98503  
Bert Brehaut, 1302 Downer Ave., Utica, NY 13502  
Mrs. Harley E. Briscoe, Rt. 1, White Hall, IL 62092  
Betty Bronow, 4611 Locker Rd. SE, Port Orchard, WA 98366

Evelyn P. Brown, Rt. 2, Box 276, Claremont, NH 03743  
Ray Brown, 54 Thalassa Ave., Corrimal East 2518 N.S.W., Australia

Geoffrey B. Charlesworth, Norfolk Rd., South Sandersfield, MA 02155  
Trevor Cole, 2700 Priscilla St., Ottawa, Ontario, Canada K2B 7E2  
Richard L. Critz, 1236 Wendover Ave., Rosemont, PA 19010  
Emilie Cherry, Rt. 6, Box 6293, Juneau, AK 99803  
Mrs. Jan Chapman, 54 Ashgrove St., Rangiora, Canterbury, New Zealand  
Dr. Eugene W. Coffman, Ridge Road Nursery, Rt. 2, Bellevue, IA 52031  
Alice E. Church, Star Rt. 2, Tahuya, WA 98588  
Rachel Crain, 2266 Linwood Dr., Allison Park, PA 15101  
Francis H. Cabot, Carmel Rd., Cold Spring, NY 10516  
Ms. Joy Curran, 5785 Cranley Dr., West Vancouver, B.C., Canada V7W 1T1  
Barbara Crick, 2845 - 140th Ave. NE, Bellevue, WA 98005  
J. Thomas Collins, 6715 Hillcrest Dr., Wauwatosa, WI 53215  
Mrs. Edythe Collins, 123 Kings Hwy., Moorestown, NJ 08057  
Mrs. Marian Callison, 2777 Shore View Loop, Waldport, OR 97394  
Norris Cone, 30316 - 8th Ave. E., Roy, WA 98580  
Mrs. Erastus Corning II, Box 431, Albany, NY 12201  
Dorothy Clark, Windy Ridge Rd., Stamford, NY 12167  
Panayoti Peter Callas, 922 - 12th St., Boulder, CO 80302  
Madelaine Campayno, RD 3, Box 559, Monongahela, PA 15063  
Mrs. Lee E. Campbell, Rt. 2, Box 728, Buckley, WA 98321  
Patricia Carson, 6210 Klam Rd., Otter Lake, MI 48464  
Betty Cartwright, 24 Chapel Rd., New Hope, PA 18938  
George B. Carty, 25607 - 68th Ave. S., Kent, WA 98031  
Mrs. R.D. Castle, 4900 NW 127th, Vancouver, WA 98665  
Anita C. Catherwood, 2304 Ottawa Ave., West Vancouver, B.C., Canada V7V 2S9  
Carol Cerimele, 8222 - 38th NE, Seattle, WA 98115  
Mrs. Percy B. Charles, 1013 84th NE, Bellevue, WA 98004  
Mrs. Niona Cherpeske, 1617 Highway 101 E., Port Angeles, WA 98362  
Mrs. Virgil Chiado, 8501 North Hwy. 1, Little River, CA 95456  
Chicago Horticultural Society, Botanic Garden, P.O. Box 400, Glencoe, IL 60022  
Correvoon Fils and Cie, Jardin Alpine "Floraire," 1225 Chene-bourg, Geneve, Switzerland  
Gertrude Clark, Rt. 5, Box 360, Camano Island, WA 98292  
Mrs. Michael Clark, Rt. 1, Box 475, Rockaway, OR 97136  
Mr. and Mrs. Fred Clarke, 6423 Wildaire Rd. SW, Tacoma, WA 98499  
Elinor F. Clarke, Bear Swamp Gardens, Ashfield, MA 01330  
Mrs. E. Clevenger, 116 Clevenger Rd., Morton, WA 98356  
Mrs. Iris Cline, 5025 69th Ave. SW, Olympia, WA 98502  
Mrs. Grace M. Conboy, 5486 SE Marine Dr., South Burnaby, B.C., Canada V5J 3G8  
R.C. Countryman, 7 Vantage Dr., Pittsford, NY 14534  
Jean M. Crawford, 19713 35th SE, Bothell, WA 98011  
Mrs. Samson I. Crew, 18 Garden Place, Cincinnati, OH 45208  
Sarah Crumly, P.O. Box 116, Gales Creek, OR 97116  
Mrs. Lawrence A. Cyr, 3 Ironclad Rd., Scarborough, ME 04074  
B. Cederlund, HAGA RUNTUNA, S-61190 Nykoping, Sweden

Sandra J. Donohue, 901 Milwaukee, Denver, CO 80206  
Elisabeth De Fries, Rt. 1, 17477 CR46, New Paris, IN 46533  
Ella M. Duyck, 3550 NE Canterbury, Corvallis, OR 97330  
Patrick DeLozier, 1212 W. Short, Independence, MO 64050  
James P. Dennison, 32 Shawnee Trail, Sparta, NY 07871  
Mrs. Herbert Dickson, 2568 Jackson Highway, Chehalis, WA 98532  
Herbert Dickson, 2568 Jackson Highway, Chehalis, WA 98532  
Barbara Durrant, 3994 W. 34th Ave., Vancouver, B.C., Canada V6S 1N1  
Robert L. Dunn, Felec Sys Inc., Box A, APO New York, NY 09170  
Mary H. Doonan, Dr. 1, Startup, WA 98293

Evelyn Douglas, 11907 Nevers Rd., Snohomish, WA 98290  
Ralph Dickman, II, 2005 N. 29th St., Tacoma, WA 98403  
Loretta Dehler, 13068 Hook Rd. NE, Mt. Angel, OR 97362  
Juliana M. Dehler, 13068 Hook Rd., NE, Mt. Angel, OR 97362  
Allan Dahlbom, Sjöhallstigen 45-16240, Vällingby, Sweden  
Eva C. Darrall, 1205 North Garden, Boise, ID 83706  
Mrs. E.C. Darts, 1660 168th St., Surrey, B.C., Canada V4B 4Z5  
Mrs. Edward De Marrais, 110 W. Gouverneur Ave., Rutherford, NJ 07070  
Denver Botanic Gardens, 909 York St., Denver, CO 80206  
Elizabeth W. Devecis, 9889 Mallory Rd., RD 1, Sauquoit, NY 13456  
Felicia J. Deyrup, 309 N. Broadway, Nyack, NY 10960  
Mrs. Carl F. Dickert, 408A Jennings Ave., Greenwood, SC 29646  
Richard A. Dodd, 2211 Chamberlain Ave., Madison, WI 53705  
Michael H. Dodge, Hilltop Rd., Deer Island, Lakeside, CT 06758  
Mary Jane Douglas, 210 Riverside Dr., New York, NY 10025  
Mrs. Frederick H. Drake, Morris Island, Chatham, MA 02633  
Dorothy Drew, 400 Buckingham Ave., Syracuse, NY 13210  
L. H. Dupre, Jr., 2015 N. Ave., Anacortes, WA 98221  
Mrs. Billie Dove, 1219 Bluff Rd., Plainfield, IN 46168

Brigitta Erhard, 17727 SE 143rd, Renton, WA 98055  
East Side Primula Society, 14015 84th Ave., NE, Bothell, WA 98011  
Irene E. Ebert, 39 Mabel Ave., Danbury, CT 06810  
David Elder, 9 Christie St., Dunfermline, Fife, Scotland KY12 DAQ  
Mrs. John M. Edisson, Box 385, Newtown, CT 06470  
Margerie Edgren, 50 Oak Haven Way, Woodside, CA 98062  
Eastside Garden Club, 8219 - 120th NE, Kirkland, WA 98033  
Ralph Edwards, Box 115, Henniker, NH 03242  
Gary Eichhorn, 525 McLeod Ave., Missoula, MT 59801  
Keith F. Elcombe, 11539 - 78th Ave., Edmonton, Alta., Canada T6G 0N4  
Robin Ellams, 296 Cannon Rd., Wilton, CT 06897  
Mr. and Mrs. Carl H. Ely, 114 Rosewood Ave., New Haven, CT 06513  
Gordon G. Emerson, 1850 Rt. 45, Rock Creek, OH 44084  
Mrs. John A. Emory, 14008 Ziegler Way, Silver Spring, MD 20904  
YNGVE Enger, Soderbergsgarden, S-66200 AMAL, Sweden  
Dr. Edmund N. Ervin, 2 School St., Waterville, MA 04901

Stella Frederick, 11235 26th Ave. SW, Seattle, WA 98146  
Fred J. Flory, Rt. 1, Box 580, Long Beach, WA 98631  
H. Fishcher, 17985 40th Ave., Surrey, B.C., Canada V3S 4N8  
Friends of the Berry Botanic Garden, 11505 SW Summerville Rd., Portland, OR 97219  
Virginia E. Fehl, Rt. 3, Box 100, Smithsburg, MD 21783  
Thea Foster, 566 Esquimalt Ave., West Vancouver, B.C., Canada V7T 1J4  
Albert Funkner, 900 NE Francis, #1, Gresham, OR 97030  
Elaine Fletcher, 38 Oak St., Ellsworth, ME 04605  
Raymond Frost, 8 Commercial Bldg., Oakenshaw, nr. Bradford, Yorkshire, England  
June Fuller, Box 159, Rt. 3, Smithsburg, MD 21783  
Vasco Fenili, 7102 Citrine Lane SW, Tacoma, WA 98498  
Aileen M. Farrell, Scotland Yard, Foxhold School, Lenox, MA 01240  
Fred A. Fauler, Sr., 8542 Fenner Rd., Rt. 2, Baldwinsville, NY 13027  
Dr. Mildred Faust, 1216 Westcott St., Syracuse, NY 13210  
G. K. Fenderson, Grout Hill, South Acworth, NH 03607  
Mrs. Jacob H. Finkbinder, Kulp Rd., RFD 1, Pottstown, PA 19464  
Mrs. Francis Finney, 415 Leonard Rd., Onalaska, WA 98570  
Authur Fisher, 1580 Blue Bell Rd., Blue Bell, PA 19422  
Mrs. Robert J. Fisher, Hickory Hill, Rt. 2, Box 128, Loudenville, OH 44842  
Alice Fletcher, The Green House, N. Locksley Rd., Glen Mills, PA 19342  
Mrs. William M. Flook, Jr., Box 3748, Greenville, DE 19807

Robert Forrest, 12903 124th St., Edmonton, Alta., Canada T5L 0P6  
Alice R. Foster, Box 1979, Union Grove, WI 53182  
Delbert B. Freeman, P.O. Box 582, Bothell, WA 98071  
Carolyn Fournier, 422 - 50th Ave. NW, Salem, OR 97304  
James H. Fox, P.O. Box 1935, Palmer, AK 99645  
Mrs. Joseph W. Frank, P.O. Box 332, Mt. Angel, OR 97362  
Margaret Frost, 171 Vincente Rd., Berkeley, CA 94705  
Rodney Fuller, 92 Catlins Lane, Pinner, Middlesex, England HA 5 2BX  
G. Fairclough, 16 Brandfort St., Bradford, West Yorkshire, England BD7 2ES  
Irene Louise Finger, 96 Oregon Ave., Medford, NY 11763  
Marsha Farrell, 4912 SW Firwood Rd., Lake Oswego, OR 97034

Dr. James Gunson, 7426 138th St. #307, Surrey, B.C., Canada V3W 6G4  
Marguerite Godshall, Goetz Rd., Box 516, Perkiomenville, PA 18074  
Mrs. Alice Gilman, 1850 Alice St. #518, Lake Park, Oakland, CA 94612  
Martha Gardner, Rt. 6, Box 255-1, Raleigh, NC 27512  
Eileen Geiger, 64065 US 33 E. Goshen, IN 46526  
Robert G. Gordon, 3896 W. King Edward Ave., Vancouver, B.C., Canada V6S 1N1  
Mrs. Kristian Gudsteinsen, SRISATEIGI 6, P.O. Box 793, Reykjavik, Iceland  
Karen Gunderson, 5208 97th Court W., Tacoma, WA 98467  
Mrs. Roger Grey, RFD 2, Bucksport, ME 04416  
Janet Gagyi, 7541 N. Pisgah Dr., West Chester, OH 45069  
D. J. Goldie-Anderson, 1 A Fyfe Rd., Waihi Beach, New Zealand  
Mrs. Roland Gurney, 42 Water St., Fairfield, ME 04937  
Agnes J. Garwin, 327 S. Vernor, Dearborn, MI 48124  
Mary Gray, Rt. 2, Box 198A, Chester Rd., Derry, NH 03038  
Mrs. Madelyn Gudger, Rt. 5, Box 230, Chandler, NC 28715  
Raymond V. Golombeck, 7 Belmont Pl., Williamsville, NY 14221  
Clare V. Gaffney, 664 New Jersey Ave., Lyndhurst, NJ 07071  
Mrs. Jessie C. Gaige, Pierce Rd., Rd. 2, Holland Patent, NY 13354  
Mrs. Donald Galbraith, RD 1, Spruce Creek, PA 16683  
Mrs. Margaret Galbraith, 47 Huffey St., Geraldine, South Island, New Zealand  
Kendall Gambrell, Rt. 1, Box 648, Sumner, WA 98390  
Mrs. John E. Gamlam, 2353 N. 140th, Seattle, WA 98133  
Garden Center of Greater Cleveland, 11030 East Blvd., Cleveland, OH 44106  
Linda Garton, 8516 Interlake Ave. N., Seattle, WA 98103  
Eloise Gay, P.O. Box 316, Lakebay, WA 98349  
Thehna Genheimer, 7100 SW 209th, Beaverton, OR 97005  
Dr. J. F. Gerrath, 70 Dumbarton St., Guelph, Ontario, Canada, N1E 3T6  
Louis Gittner, Outlook Inn, East Sound, Orcas Island, WA 98245  
Ruth M. Goff, W. Main St., Millbury, MA 01527  
Dr. A. R. Goldsby, 76 Marcourt Dr., Chaopaque, NY 10514  
Walter C. Good, 167 Colebrook Rd., Middletown, PA 17057  
Allen Goodwin, Goodwins Rd., Bagdad Stn, Tasmania 7407, Australia  
Kirt Grimlund, M.D.H.C., Los Cerezos 33, Lluca, Javea, Alicante, Spain  
Virginia Grabenhofer, Rebel Hill Farm, RR 1, Box 346, Nineveh, IN 46164  
Mrs. Paul Graham, 211 Strathmore Place, Corning, NY 14830  
Leonard J. Grassl, 37780 SE Boitano Rd., Sandy, OR 97055  
Dr. Julius Gray, 148 Seapine Rd., North Chatham, MA 02640  
Mrs. Erwin Graewin, Rt. 2, Box 9, Norwalk, WI 54648  
Mrs. H. J. Greenman, 36 Delaware St., MR 118, South Haven, MI 49090  
Joseph B. Gibbons, 1963 Village Rd., Schenectady, NY 12309  
Howard Griner, Rt. 2, Box 567, Buckley, WA 98321  
Tozo Suzuka Guji, Takagamo Shrine, Kamokami, Gose, Ivara, Japan

Paul W. Hawker, Rt. 12, Box 32, Morgantown, WV 26505  
W. R. Hanworth, Assington Green Cottage, Stansfield, Sudbury, Suffolk, England  
Helen Crocker Russel Library, Strybing Arboretum Society, 9th Ave., at Lincoln Way, San Francisco, CA 94122

Mrs. Thomas Hampton, RR 1, Charleston, IL 61920  
Ernest Hall, 7 Chase St., South Portland, ME 04106  
Sylvia A. Hilbert, 209 E. Forest Dr., Payson, AZ 85541  
Mrs. George Hinckley, 17 Sunset Terrace, West Hartford, CT 06107  
Tom A. Hoaglund, 1403 Alhambra Circle, Coral Gables, FL 33134  
Mrs. John T. Holm, Rt. 2, Box 172, Sheridan, OR 97378  
Margaret Halladin, 85 Hillcrest Dr., Upper Saddle River, NJ 07458  
Mrs. Marvin Helland, 220 24th SE, Salem, OR 97301  
Frederick Handler, 275 Kings Pt. Rd., Kings Point, NY 11024  
Emma Hale, The Highlander #127, 11501 15th NE, Seattle, WA 98125  
R.I. Hilton, 1005 Marilyn Dr., Raleigh, NC 27607  
Janet Henson, Rt. 1, Box 182A, Kodak, TN 37764  
W. G. Holt, Marriots Cottage, Halstock, Yeovil, Somerset, England BA22 9SE  
Horticulture Society of New York, 128 W. 58th St., New York, NY 10019  
Mary Higson, 3204 S. McCormick, Olympia, WA 98506  
Frederick Held, Rt. 1, Box 488, Beaverton, OR 97005  
Carolyn Harley, 9712 Willowood Pl. SW, Tacoma, WA 98498  
James C. Hill, 3210 SW 166th St., Seattle, WA 98166  
Kenneth Hixson, 5440 Badger Rd., Eugene, OR 97402  
Catherine Huffman, 5710 Spruce St., Burnaby, B.C., Canada V5G 1V9  
Seisuke Hihara, c/o Kosuke Takai, 232 Minemache, Uthunomiya City, Tochigi, Japan 320  
Goldie Hamilton, Lora Gorge No. 2 Rd., Winton, New Zealand  
Constance Hansen, 1931 33rd St., Lincoln City, OR 97367  
Cyrus Happy III, 11617 Gravelly Lake Dr. SW, Tacoma, WA 98499  
Vivienne Harold, 1034 NW Coast St., Newport, OR 97365  
Martha Harrison, 7737 35th Ave. NE, Seattle, WA 98115  
Judith Harrison, 7737 35th Ave. NE, Seattle, WA 98115  
Nobuyki Hayakawa, 9-4-4 Takasucho, Kamekawayun, Hokkaido, Japan  
C. C. Heimburger, 2060 McNeill Ave., Victoria, B.C., Canada V8S 2X8  
Mrs. Brandon Hehn, 25 Ash St., Hopkinton, MA 01748  
Margaret Heiggelke, 3001 M. St. SE, Auburn, WA 98002  
Louise A. Hindla, 986 Church St., Bohemia, NY 11716  
Hubert Hinterwirth, A-4560 Kirchdorf An Der, Krems, Upper Austria, Austria  
Floyd Hoag, RD 2, 8701 Hopkins, Batavia, NY 14020  
Mrs. L. Hockheimer, Ridge Farms Rd., Norwalk, CT 06850  
Mrs. Hanna Hogarth, Box 477, Terrace, B.C., Canada V8G 4B5  
Mrs. Peter Hohnstein, 8525 NW Lovejoy St., Portland, OR 97229  
Mrs. M. Holden, Rt. 4, Box 188, Shelton, WA 98584  
Mrs. D. V. Holman, Franconia, NH 03580  
Vojtech Holubec, Karlinske Namesti 6, Praha-Karlín, Czechoslovakia  
Florence Hosenfeld, 1441 Ridge Rd., Webster, NY 14580  
Lavalie B. Huss, 37 Summer St., Rockland, MA 02370  
Mary Huey, 4721 Maple St., Willoughby, OH 44094  
Mrs. Harry Hull, Uplands, Highland Ave., Manchester, MA 01944  
Mrs. Ruth B. Huston, Spring Hill Farm, P.O. Box 42, Gig Harbor, WA 98335  
Diana K. Hagen, 7614 Newton Ave. S., Minneapolis, MN 55423  
Lucy L. D. Hubbard, 575 S. Elm St., Canby, OR 97013  
Florence Hunter, 701 Pine St., Apt. 67, San Francisco, CA 94108  
Mrs. A. E. Howard, No. 1 Rd., Palmerston, Otago, New Zealand  
Holden Arboiteum, c/o Thomas Yates, 9224 Sperry Rd., Mentor, OH 44060  
Nancy Searle Hagerman, 605 Alice Dr., Lafayette, LA 70503

Mrs. G. H. Imbsen, P.O. Box 644, Douglas, AK 99824  
Stella W. Inge, 574 30th Ave., San Francisco, CA 94121  
Hiroaki Izumi, 3-28-6 Hisagahara, Ohtaku, Tokyo, Japan

Tod Jochem, 2149 Castle Place, Pomona, CA 91767  
Arne Johansson, Velingstorpavagen 15, S 511 00 Kinna, Sweden

Mrs. Dorcas D. Jones, 34 Burchard Lane, Rowayton, CT 06853  
Allan & Rosetta Jones, 6214 S. 287th St., Kent, WA 98031  
Frank Jacques, 265 Hollin Lane, Middleton, Nr. Manchester, England M24 3LF  
Kjeld O. Jensen, VANAS 1211A, 28040 Skanes Fagerhult, Sweden  
Douglas L. Joslin, 102 Christopher St., New York, NY 10014  
Dr. Gary Johnson, P.O. Box 535, Upper Saddle River, NJ 07458  
John R. Janes, P.O. Box 1, Jericho, NY 11753  
Frank A. Jarvis, P.O. Box 372 Quaker St., Millville, MA 01529  
Dr. Istvan Jelenits, Budafok Ady E. UT 15, Budapest XXII, Hungary  
Elm Jensen, Rt. 4, Box 255B, Squilchuck Rd., Wenatchee, WA 98801  
Norman A. Jensen, Rt. 2, Box 81, Mundelein, IL 60060  
Elliott Jensen, Duralite, Inc., School Street, Riverton, CT 06065  
Renee Jochens, Rt. 1, Box 5A, Haskins, NE 68740  
Mrs. Cassa Johnson, 3116 N. Tyler, Tacoma, WA 98407  
Cleatis R. Johnson, 6024 197th Ave. E., Sumner, WA 98390  
Nina M. Johnson, R.D. 1, Box 625, Sabinsville, PA 16943  
Mrs. Ulla Jonsson, Pilgatan 9, 77100 Ludvika, Sweden  
Ella Juliand, 11 Jackson St., Greene, NY 13778  
Patricia Justus, Rt. 2, Box 224B, Flemington, NJ 08822  
Judith Jones, 1911 4th Ave. W., Seattle, WA 98119

Mrs. E.G. Kertland, R.R. 1, Ganges, B.C., Canada V0S 1E0  
Mary G. Kenny, 2460 Glendon Rd., University Heights, OH 44118  
A. Paul Keller, Jr., M.D., 1010 Prince Ave., Athens, GA 30606  
Augustus M. Kelley, P.O. Box 458, Little Compton, RI 02837  
Fritz Kohlein, Wiesenstrasse 4, 8581 Bindlach, West Germany  
Dr. Werner Koster, 3253 Hess Oldendorf 17, Reuterkamp 10, West Germany  
Kingwood Center, 900 Park Ave. W., Mansfield, OH 44906  
Anita Kistler, 1421 Ship Rd., West Chester, PA 19380  
Steven J. Kelley, 2325 S. Watertown Rd., Long Lake, MN 55356  
Mrs. Richard L. Keefe, Deep Spring Rd., Earlville, NY 13332  
Edith Kenzie, 495 Deloraine Ave., Toronto, Canada M5M 2C1  
R.L. Kessel, 29410 112th S.E., Auburn, WA 98002  
Walter Leslie Keighton, 311 Cedar Lane, Swarthmore, PA 19081  
Sally M. Katkaveck, Jones Hollow Rd. Rt., Marlborough, CT 06424  
Dr. Sigfried Kehl, D6 Frankfurt Am Main 50, Berkersheimer, Untergasse 9, West Germany  
Roger Klemm, 11626 77th Ave., Edmonton, Alberta, Canada T6G 0M3  
Boyd Kline, 522 Frangnette, Medford, OR 97501  
Mrs. Stanley Kuczarski, 540 Chestnut Rd., Seven Hills, OH 44131  
Julius Kusey, 2659 Avon Rd., Rochester, MI 48063  
Mrs. F. H. Kreischer, 222 E. 13th St., Berwick, PA 18603  
Frank Koch & Sons, 12495 Sunnyside Rd. NE, Salem, OR 97301  
Col. Bill Kreps, SR4, Box 2203, Brandson, MO 65616  
Dale G. Kaweck, Rt. 1, 120 Circle Dr., Merritt, MI 49667  
William C. Keettel, 343 Hutchinson Ave., Iowa City, IA 52240  
Howard Kerrigan, Kerrigan Nursery, 24249 Second St., Hayward, CA 94541  
Delores Kirk, 12764 Grover St., Omaha, NE 68144  
S. Kirkpatrick, 2 Nautilus Lane, Hampton Bays, NY 11946  
Mrs. Glenn Kiser, Box 364, Blowing Rock, NC 28605  
Kitsap County Primrose Club, 6733 Jarstad Dr., Bremerton, WA 98310  
Margaret Klahn, 1519 12th, Port Angeles, WA 98362  
Mrs. Thomas C. Kline, 3016 Cedar Hill Rd., Falls Church, VA 22042  
Mrs. Fred E. Knapp, 58 Kaintuck Lane, Locust Valley, NY 11560  
Mrs. J.F. Knippenberg, 736 Pines Lake Dr. W., Wayne, NJ 07470  
Mrs. William Knoff, R.D. 2, Cazenovia, NY 13035  
Mrs. Adam Koch, Star Route Box 382 B, Fortest Grove, OR 97116  
Alexandra Krastin, 325 Park Ave., Arlington, MA 02174  
Lillian H. Kraus, 430 Cherokee Dr., Butler, PA 16001

Jaroslav Krecmer, nam, J. Krautivurma 14, Pizen 2, Czechoslovakia  
Gunnar Kry, Box 82, 51033 Rydal, Sweden  
Isabelle Koontz, 1142 Willhaven Dr., Charlotte, NC 28211  
Horst Krumpolz, Mossenburg GO, 8574 Newhaus, West Germany  
Doris E. Ketchum, 2421 W. 18th, Port Angeles, WA 98362  
Bernhard Kajupank, Tradgardsamatorererna i, Goteborg, Myrekarrswagen 25, 417 29 Goteborg, Sweden

Mrs. Roland D. Larrison, R.D. 1, Box 556, Port Jervis, NY 12771  
J. LeBeau, Rue de Vert Logis 1, 6101 Jamioux Charleroi 2, Belgium  
Larry LaClair, 1117 Lakeview Ave., Bellingham, WA 98225  
Grace Laubengayer, 235 Berkshire Rd., Ithaca, NY 14850  
Alice Lehner, 23000 NE 92nd Ave., Battle Ground, WA 98604  
Audrey Long, 33 New Lane, Skelmanstrophe Nr. Huddersfield, West Yorkshire, England HD8 9EH  
Jacquelyn Lloyd, Rt. 1, Box 91, Lewiston, ID 83501  
H. Lill, 17 Newton Ave., Newton Hill, Wakefield, England, WF1 2PX  
Joan E. Laughlin, Box 63, South Freeport, ME 04078  
Anita R. Lockhart, Star Rt. 3, Box 270, Port Townsend, WA 98368  
Marian D. Loar, P.O. Box 4093, Silver Springs, MD 20904  
Mrs. Charles Leonard, Ravenswood, Rt. 1, Bunceton, MO 65237  
Josephine M. Lippold, 2874 Ridgeway Dr. SE, Turner, OR 97392  
Bodil Leamy, 7354 Kokange Place, Vancouver, B.C., Canada V5S 3Y9  
Mary E. Letchworth, R.1, Sherwood Forest, Brevard, NC 28712  
N. Peter Loewer, P.O. Box 33, Cochection Center, NY 12727  
Mrs. R. Lundbert, Loviselundsu, CT 2TR S 162-35 vagen, Vollingby, Sweden  
Eloise Lesan, 108 Valley Rd., Cos Cob, CT 06807  
Bryan J. Lynch, Rt. 1, Reading, VT 05062  
Mrs. Ralph Lane, Box 25, Louisville, TN 37777  
Alice M. Larrick, 4841 30th St. Arlington, VA 22207  
Sven Larsson, Starvagen 10, S-18363, Taby, Sweden  
Mrs. Alfred H. Larter, 70 Hearthstone Lane, Rochester, NY 14617  
Mrs. Fern Latimer, 19027 100th NE, Bothell, WA 98011  
The Ledding Library of Milwaukie, 10660 SE 121st Ave., Milwaukie, OR 97222  
Joseph E. Lemire, 45 Chestnut Ave., Auburn, MA 01501  
Joseph J. Lenzner, 33 Gates Circle, Buffalo, NY 14209  
Mrs. John J. Lewine, P.O. Box 386, West Stockbridge, MA 01266  
Lewis County Primrose Society, 320 Diamond, Centralia, WA 98531  
Mrs. W. Lichtenwanger, P.O. Box 127, Berkley Springs, WV 25411  
Mary A. Lindner, 6 Bragman Rd., Randolph, NJ 07869  
Elva C. Link, 211 W. Mountain Rd., Corinth, NY 12822  
Gale Link, Box 171, Sewanee, TN 37375  
James F. Long, Rt. 2, Box 1, Marion, VA 24354  
Longwood Gardens, Kennett Square, PA 19348  
Ann & Jay Lunn, 3040 NW Parkview Lane, Portland, OR 97229  
C. Lygo, 205-4635 Imperial St., Burnaby, B.C., Canada V5J 1B9  
Mrs. William H. Lyons, R.R. 5, Dunnville, Ontario, Canada N1A 2W4  
P.E. Lewis, 19 Padlock Lane, West Wrattling, Cambridge, England, CB1 5LS  
Carol Lechelt, 16406 SE Market, Portland, OR 97233  
Dorethy Larson, 11220 56th St. NW, Gig Harbor, WA 98335  
Dr. Oswald K. Litherland, 1755 27th St., West Vancouver, B.C., Canada V7V 4K6  
Byron H. Lymburn, 7405 Zircon Dr. SW, Tacoma, WA 98498  
Shirley Lymburn, 7405 Zircon Dr. S.W., Tacoma, WA 98498

R.R. MacGregor, Leis Mhor, P.O. Box 205, Yass, New South Wales, Australia, 2582  
George McCabe, 9847 90 Ave., Edmonton, Alberta, Canada T6E 2T2  
Mr. & Mrs. Bruce Matthews, 9908 Lake Steilacoom Dr. SW, Tacoma, WA 98498  
Mrs. J. McCleod, Bay Rd. D 9, Invercargill, Southland, New Zealand  
Dr. J. Mikulastik, Jaselska 8, 460 01 Liberek 1, Czechoslovakia  
Bernhart Mannila, 810 E. 38th St., Hibbing, MN 55746



Dorothy Marshall, 1172 SE 55th Ave., Portland, OR 97215  
Mrs. R.E. Masters, 3 Beaconsfield Rd., Stratford, R.D. #24, Taranaki, New Zealand  
Henrietta McDonough, 120 Forest View Dr., Willow Creek, CA 95573  
Ruth A. Metsak, Rt. 1, Box 92, Ashford, CT 06278  
Mr. & Mrs. Willis G. McClammy, 1440 E. 30th St., Tacoma, WA 98404  
Jacques Mommens, Box 304, Purdy Station, NY 10578  
Irene Morris, Star Route, Manning, OR 97125  
Mark McDonough, 1375 Washington St., Norwood, MA 02062  
Molony, Inc., 1920 Grande Ave., Box 151, Monte Vista, CO 81144  
Dr. J.H. McCarter, Rt. 3, Box 413, Traveler's Rest, SC 29690  
Dr. Sandra McDonald, 209 Ward Dr., Hampton, VA 23669  
Bruce E. McCue, 47 Hartford Ave., Wethersfield, CT 06109  
Sybil McCulloch, 5021 Prospect Lake Rd., RR7, Victoria, B.C., Canada V8X 3X3  
Leann M. Miller, 22402 64th W., Mountlake Terrace, WA 98043  
Mrs. Grayson Murphy, 234 E. 62nd St., New York, NY 10021  
Donald W. Mack, 88 Brownside Rd., Cambusland, Glasgow, Scotland G72 8AG  
Pamela McGrath, P.O. Box 310, Duvall, WA 98019  
Madeline Makela, 5408 Yorkshire St., Springfield, VA 22151  
T. Maki, 7-11-6 Kugenuma-Karigan, Fujisawa-251, Japan  
Mrs. J.A. Malone, 6009 Westbrook Dr., Brook Park, OH 44142  
Mrs. L.E. Martin, Buttonwood Dr., R.D. 4, Doylestown, PA 18901  
Mrs. M.J. Martin, 1465 Hamly St., Victoria, B.C., Canada V8S 1M9  
Dr. Louis G. Martin, 19 Lansdowne Rd., Toledo, OH 43623  
Mrs. Howard Mason, 4316 SW Bernard Dr., Portland, OR 97201  
Massachusetts Horticultural Society, Horticultural Hall, 300 Mass. Ave., Boston, MA 02113  
L.D. Mastin, 15 Main St., Cortland, NY 13045  
Margaret Maupin, 1273 McLean Rd., Mt. Vernon, WA 98273  
William Maxwell, Priors Rd., Monbulk, Victoria, Australia 3793  
James D. Menzies, 765 10th Court, Fox Island, WA 98333  
Richard J. Meyer, 2610 Minerva Lake Rd., Columbus, OH 43229  
Mrs. Thirza Meyer, 1431 S. Burroughs, Oceanside, CA 92054  
Leo Michl, Brice Route, Lebanon, MO 65536  
Harry Miller, 1925 35th St., Des Moines, IA 50310  
Mrs. Robert Mills, 150 Prospect Ave., Princeton, NJ 08540  
Missouri Botanical Garden, 2315 Tower Grove Ave., St. Louis, MO 63110  
Sally Mitchell, Chicken Valley Rd., Locust Valley, NY 11560  
Madalene Modic, R.D. 1, Box 162, Sewickley, PA 15143  
Helen Moehnke, Star Route Box 55, Banks, OR 97106  
Andre Morency, Box 297, Chute-Aux Outardes, P. Quebec, Canada G0H 1C0  
Kazuo Mori, 58 Matsushita, c/o Nishinomiyama Shi, Hyogo Ken, Japan  
Evelyn Morton, 13497 Balson Crescent, Surrey, B.C., Canada V4A 2Y1  
Milton Mulloy, 90 Pierpont Rd., Waterbury, CT 06705  
Walter McBride, 2738 Elmwood Dr. SE, Grand Rapids, MI 49506  
Ruth Ann McGrail, 9730 Schreiner Lane, Box 136, Great Falls, VA 22066  
Dorothy McKey-Fender, 835 Ashwood, McMinnville, OR 97128  
R. McLardy, R.R. 1, Port Washington, B.C., Canada V0N 2P7  
Tressa McMurry, 2311 Valencia St., Bellingham, WA 98225  
Mrs. J. McQuail, Jr., Turkey Knob Farm, 745 Peck Rd., Downingtown, PA 19335  
Shigeaki Mizuno, 15-16 Kachushinmachi, Tsuruoka City, Yamagata 997, Japan  
Harry Melchior, Str. des 13 Januar 85, 6620 Volkingen 4, West Germany  
D. H. Mann, The Forge Nurseries, Church Road, Rawreth, Wickford, Essex, England SS11-8SH  
H.C.A. McBride, Rosevale, 10 Waverly Ave., Lisburn, Co. Antrim, N. Ireland BT28 1JS  
Dorothy McFarlane, 5453 SE Harlene, Milwaukie, OR 97222  
Mrs. R.W. Mansfield, Box 102, Madiara Park, B.C., Canada V0N 2H0  
Ed Markham, 26418 Yale Court, Kent, WA 98031

Rosemary S. Norman, 31 William Way, Letchworth, Herts, England, SG6 2HQ  
Judy Nofziger, 5614-138th Pl. SW, Edmonds, WA 98020

Aif Nilsson, PL 2142 Lottgarden, 451 00 Uddevalla, Sweden  
Kikusaburo Noguchi, 1330 Shimosue, Komaki, Aichi Ken 485 Japan  
Genevieve Newton, 2652 Lewis St., Stockton, CA 95205  
Mrs. Everett H. Nason, Church Rd., Box 1197, Brunswick, ME 04011  
Carroll E. Neesemann, 67 E. 11th St., Apt. 707, New York, NY 10003  
Clarence Nelson, 4324 W. 58th Place, Los Angeles, CA 90043  
Lois A. Nelson, 12612 Ave. DuBois SW, Tacoma, WA 98498  
Mrs. Olaf Nelson, 10803 Butte Drive SW, Tacoma, WA 98498  
Library, New York Botanical Gardens, Bronx Park, Fordham Br. PO, Bronx, NY 10458  
Mrs. C.J. Newlin, Box 66, Freeland, WA 98249  
Norma Newman, 3832 N. Vassault St., Tacoma, WA 98407  
Robert Newton, 1880 Dover Rd., Wantagh, NY 11793  
Robert Nichols, 38 Ord Court, San Francisco, CA 94114  
Keven-Michael Nicolay, 8330 Sunnydale Dr., Becksville, OH 44141  
Yukio Nishikaiwa, Honcho Onomachi, Kameda Gun, Hakkaido 041-12, Japan  
Mrs. Joseph Nitchman, 6572 W. Smith Rd., Medina, OH 44256  
Mrs. Charles Nelson, 8 Peer St., R.D. 4, Binghamton, NY 13901  
Leif Fønnesbeck Neilsen, Stjernevej 12, 8900 Randers, Denmark  
Hachiro Negishi, Tomo Inst. of Arborcult., Kido 526, Takebayashi, 374 Japan

Alexandra I. Olafson, P.O. Box 124, Tory Rd., Tolland, CT 06084  
Mary M. O'Cleary, 3141 Douglas Highway, Juneau, AK 99801  
Robert Odess, RFD 1, Buskirk, NY 12028  
Clarence Owens, 3390 Allston Dr., Jackson, MI 49201  
Mrs. Otto E. Ohrt, 2905 Horsehead Bay Dr. NW, Gig Harbor, WA 98335  
W. Owens, Box 214, Bozeman, MD 21612  
Mrs. Allen Obersinner, North Howell Rd., Silverton, OR 97381  
Mrs. F.J. Oleri, Jr., 10 Grove St., Closter, NJ 07624  
Mrs. E.M. Olson, Bostock Mt. Rd., Boiceville, NY 12412  
Mrs. Arthur Oppen, 604 Clarmar Dr., NE, Salem, OR 97301  
Oregon State Library, State Library Building, Salem, OR 97310  
Oregon Primrose Society, 10722 SE 40th Ave., Milwaukie, OR 97222  
Library, Oregon State University, Corvallis, OR 97331  
Mrs. Eric Osborn, 18 Winthrop Dr., Barrington, RI 02806  
Frank Osborne, 15 Shawinigan Rd., Dartmouth, Nova Scotia, Canada BZW 3A1  
D.L. Oestreicher, 2346 Gold St., Redding, CA 96001  
Mrs. Beryl Orchard, 3 Darby Dr., Mansfield, MA 02048  
Overas Forstein, Steinbekkassen 18, 2010 Strommen, Norway

Clair Phillips, 6700 Splithand Rd., Grand Rapids, MN 55744  
Dr. R.S. Pinches, 2 Gordon Dr., Abingdon, Oxon, England OX14-1B  
Birdie Padevich, 12626 424 Ave. SE, North Bend, WA 98045  
W. Steve Peterson, 20821 SE 262nd, Kent, WA 98031  
Ejnar Perrson, 3 dje Kymekvagsrand, 60210, Norkopping, Sweden  
John A. Postema, 19127 99th Ave. SE, Snohomish, WA 98290  
The Pot Hanger, 6119 E. Gold Dust, Scottsdale, AZ 85253  
Elisa Perleberg, Ostlandstr, 20a, D2902 Rastede, West Germany  
The Perennial Gardens, 22805 Stottlemeyer Rd. NE, Poulsbo, WA 98370  
Edward Papierski, P.O. Box 182, Carlsborg, WA 98324  
Evelyn Peters, 7620 Sonoma Highway, Santa Rosa, CA 95405  
Dennis Pies, 26 Westvale Dr., Concord, MA 01742  
Mary Ann Pritzer, 95 N. Hayes, Fresno, CA 93711  
Janet Pedersen, 2914 S. 18th St., Tacoma, WA 98405  
Brian Peterson, 1051 Meadow Lane, Lake Forest, IL 60045  
Periodical Division, Library Association of Portland, 801 SW 10th Ave., Portland, OR 97205  
Jennie Peterson, R.1, Box 105, Lolita, CA 95551  
Agnes M. Pistolis, 619 Howard Ave., Des Plaines, IL 60018  
Dr. Edward Palmer, 1570 Woodland Terrace, Lake Oswego, OR 97034

David Parker, Rt. 1, Box 108-1, W. Alexandria, OH 45381  
Mrs. Thomas Parker, Weslake Rd., Fitzwilliam, NH 03447  
Dr. Louis Parrot, Faculte De Foresterie, Universite Laval, Cite-Universitaire, Quebec, Canada G1K 7P4  
Amy Peavey, Box 537, Darrington, WA 98241  
Anna M. Peirce, 47 High St., Topsfield, MA 01983  
Pennsylvania Horticultural Society, 325 Walnut St., Philadelphia, PA 19106  
Elizabeth Peterson, 16414 12th SW, Seattle, WA 98166  
Mariann Pieck, 260 Bay St. Apt. 204, San Francisco, CA 94133  
Donna Pierce, 2615 NE 137th, Seattle, WA 98125  
Edward L. Pincus, 11813 100th NE, Kirkland, WA 98033  
Jewell A. Plumlee, 531 Chemawa Rd. N., Salem, OR 97303  
Mrs. Kenneth Pohl, P.O. Box 426, Wright Branch, Dayton, OH 45409  
Shirley, M. Pollock, 6824 Lickman Rd., Sardis RR4, B.C., Canada VOX 1Y0  
Mrs. William S. Preston, 884 Bluff St., Glencoe, IL 60022  
H.L.A. Prins, W. Pyrmontkade, 957 2518 JX Den Haag, Delft 3, Netherlands  
Barbara Pozaric, 404 Gabriel Dr., Kirkwood, MO 63122  
Olga Pollard, 4702 W. Lawnview Dr., Pittsburgh, PA 15227  
Library Association of Portland, 801 SW 10th Ave., Portland, OR 97222  
Anita Pershern, Rt. 1, Box 1, Menomonie, WI 54751  
Rosemary Peterson, 7900 SW Brentwood No. 15, Portland, OR 97225  
R.W. Porter, 14 Hillside, Lenton, Nottingham, England NG7 2HP

Mrs. Lloyd Quigley, 2910 NE 49th St., Vancouver, WA 98663  
Mary A. Quinn, 54 Haskell St., Cambridge, MA 02140

Richard W. Ralston, 4501 E. Mercer Way, Mercer Island, WA 98040  
Carlene Rogers, 5709 S. Conway Rd., Orlando, FL 32809  
Mrs. Robert D. Read, 902 S. 3rd, Tacoma, WA 98405  
Frank Ridgeway, 9100 Washington Blvd., Tacoma, WA 98498  
Mrs. Dorothy Ramsden, R.R. Box 77, Rewey, WI 53580  
Izetta Renton, 7160 N. Fork Rd. SE, Snoqualmie, WA 98065  
The Rock Garden, Mrs. George Walsh, Litchfield, ME 04350  
D. Robinson, Riversdale, Glounthaune, County Cork, Ireland  
Sigvard Ronnheden, Sagvagen 1, 3F100 Karls krona, Sweden  
Mrs. Eugene Reichle, Box 923, North Bend, WA 98045  
Mrs. Dietolf Ramm, 3538 Hamstead Ct., Durham, NC 27707  
Geneva Revard, Rt. 1, Box 732, Sequim, WA 98382  
Eliza Rhyand, 7530 Brevel Dr., Mentor, OH 44060  
Oran F. Richardson, 108 Springer Dr., Tuscumbia, AL 35674  
Mrs. Fitzhugh S. Rollins, 1032 Park Hills Rd., Berkeley, CA 94708  
Nancy Randall, 5016 SE 118th, Portland, OR 97266  
Al Rapp, 4918 - 79th Ave. W., Tacoma, WA 98466  
Dr. Paul C. Roberts, 2525 L St., Eureka, CA 95501  
Lee M. Raden, 1 Alpine Way, Alpine Flora, Phoenixville, PA 19460  
James E. Ratcliff, Jr., 300 Montgomery St., Suite 700, San Francisco, CA 94101  
R.W. Redfield, RFD 1, Hampton, CT 06247  
Mrs. Herman F. Reinhold, 2510 Deepwood Dr., Foulk Woods, Wilmington, DE 19810  
Mrs. B. Rennenkampff, 2162 Sand Hill Rd., Oregon, WI 53575  
Timothy Rettger, 429 10th St., Erie, PA 16503  
Dorothy L. Reynolds, 1025 Ackerman Ave., Syracuse, NY 13210  
Edward B. Riskey, 620 B St., Davis, CA 95616  
Francis Rohr, 4 Greenleaf St., Brattleboro, VT 05301  
Albert S. Rokey, 7425 Thurston Rd., Springfield, OR 97477  
James L. Rosier, 508 Cedar Lane, Swarthmore, PA 19081  
Mrs. William Ross, 273 Erskine Ave., Youngstown, OH 44512  
John J. Rountree, 6514 Elmhurst Dr., Falls Church, VA 22043  
Royal Botanic Garden, ATTN: D.M. Henderson, Edinburgh, Scotland, EH 3 5LR  
Royal Botanic Gardens, Kew, Richmond, Surrey, England

H.E. Rozman, 20341 Chateau Dr., Saratoga, CA 95070  
June Rozee, 53 Dillon St., Blenheim, New Zealand  
Wayne Roedell, 1900 Highway 101E, Port Angeles, WA 98362  
T. Ritchie, 8 Willow Crescent, South Parks, Glenrothes, Fife KY6-IEU, Scotland  
Deborah D. Roberts, 2821 Rosella Ave., Cincinnati, OH 45208  
Mrs. Francine Duquesne Ries, Rue de Neuve Cour 1, 1420 Ophain, Belgium  
Edgar Rogier, 16400 Hidden Valley Rd., Minnetonka, MN 55343  
Maureen Rodolffy, 327 Kennedy Blvd., Bayonne, NJ 07002

The Science Reference Library, Bayswater Branch, 10 Portchester Gardens, London, England W2 4DE  
Johannes Scholz, 48 Biedefeld 1, AM Kahlenberg 16, West Germany  
Faith Sneider, 131 W. 40th, Spokane, WA 99203  
Greg Stephens, 21 Lee Parade, Leongatha, Victoria 3953, Australia  
Lyn F. Sauter, 12544 9th Ave. NW, Seattle, WA 98177  
William R. Sims, 3420 W. Hurly Pond Rd., Wall, NJ 07719  
Miss C. Sirdey, 58-190 Place Charles Chaigneau, Tannay, France  
Katie Slatten, 5946 - 46th SW, Seattle, WA 98136  
Melinda Spenser, 17 Sunnydale Ave., San Francisco, CA 94134  
Sylvia J. Sellman, 14753 26th NE, Seattle, WA 98155  
John Simons, 6922 Flemming St., Vancouver, B.C., Canada V5P 3H7  
Jack Semonian, 13122 Avenida Polar A-5, Tuscon, AZ 85710  
Eddy Sandstrom, Poppelvagen 7, 561 00 Huskvarna, Sweden  
Mary E. Sauer, R.D. 1, Box 128A, Cochran, PA 16314  
Brian Skidmore, 6730 W. Mercer Way, Mercer Island, WA 98040  
Siskiyou Rare Plant Nursery, 2825 Cummings Rd., Medford, OR 97501  
Leslie Strakes, 7055 SW 103rd Ave., Beaverton, OR 97005  
Mrs. E.C. Swenson, Rt. 2, Box 678, Beaverton, OR 97005  
Emily Sartain, 18-1030 Cook Street, Victoria, B.C., Canada V8V 3Z8  
Mrs. K. Schott, Schott's Nursery & Garden Ct., R.D. 3, Box 399T, Greensburg, PA 15601  
Susan M. Sanders, 3074 Edgewood, Ann Arbor, MI 48104  
Joseph Stankowski, P.O. Box 2591, Chicago, IL 60690  
David C. Shipman, 428 Pacific St., Brooklyn, NY 11217  
Paul Sprung, Rt. 1, Box 240, St. Francis, ME 04774  
Charlotte Hill Simperts, 4503 Jarstad Dr., Bremerton, WA 98310  
I.C. Shank, Box 327, Ganges, B.C., Canada, V0S 1E0  
Roy S. Shiels, Fox Hall Dr., Dover, DE 19901  
Mrs. John Sickavish, 47609 Lindell Road, R.2, Sardis, B.C., Canada VOX 1Y0  
Nadine B. Smith, 13005 Duggan Rd., Central Point, OR 97502  
Steve Soran, 5415 38th Ave. Ct. NW, Gig Harbor, WA 98335  
Supt. Orville Steward, Box 450, Braircliff Manor, NY 10510  
J. Suys, 6 Aylmer Blvd., Aylmer, Quebec, Canada J9H 3R7  
Karen Smith, Far North Gardens, 15621 Auburndale Ave., Livonia, MI 48154  
Elaine P. Scott, R. 1, Box 47, Burton, WA 98013  
Mrs. Ludwig Schiessel, 27 Newbury Rd., Ipswich, MA 01938  
Richard B. Sullivan, 311 Oakdale Dr., Rochester, NY 14618  
Mrs. Ray Sachs, 422 Brim Rd., Onalaska, WA 98570  
Beatrice Santos, 501 Alden St., Ludlow, MA 01056  
Zelimir K. Tvrkovic Sahin, Uiterweg 34 Aalsmeer 1210, The Netherlands  
Mrs. Orpha Salsman, 14016 8th Ave. S., Seattle, WA 98168  
Brian J. Salter, 33 Stradbroke Ave., St. George, Bristol, England BS 5 8PJ  
Mrs. Evelyn Sandifur, 602 Greenacre Way, Aberdeen, WA 98520  
San Francisco Public Library, Attn: Periodical Dept., Civic Center, San Francisco, CA 94102  
Vickey Sauer, 13631 196th SE, Renton, WA 98055  
George Sayers, 11738 222nd St., Maple Ridge, B.C., Canada V2X 5V2  
Marie Saylor, 212 Hoffman St., Crown Point, IN 46307  
Lawrence R. Sayre, 192 Thorp Dr., Moraga, CA 94556  
Ruth M. Scherer, P.O. Box 96, Trout Lake, MI 49793  
Barbara Schiff, 129 Washington St., Topsfield, MA 01983

Quentin C. Schlieder, Jr., P.O. Box 1295R, Morristown, NJ 07960  
Herbert A. Spady, 9460 Sunnyview Rd. NE, Salem, OR 97301  
Rosalie Speed, 4434 Vandelia St., Dallas, TX 75219  
Mrs. Robert Speers, 202 Champion, Steilacoom, WA 98388  
Mr. & Mrs. Leon C. Spielman, 145 Main, Sharpsburg, MD 21782  
Mrs. Frank L. Springer, 7213 S., 15th, Tacoma, WA 98465  
Mrs. Louis F. Stack, 991 SW Berry Lake Rd., Port Orchard, WA 98366  
Mrs. M.P. Standish, 128 Barn Hill Rd., Monroe, CT 06468  
Capt. R.M. Steele, Bayport-Rosebay, R.R.1, Lunenburg Co., Nova Scotia, Canada DOJ 2X0  
Mary R. Stent, 2419 Vallejo St., San Francisco, CA 94123  
Mrs. Vera Stepankova, Studenka 42, Nova-Paka, Czechoslovakia  
Mrs. George Stevens, 300 Dungeness Meadows, Sequim, WA 98382  
Margaret V. Stewart, 42215 SE Klunsmith St., Sandy, OR 97055  
Alda Stich, Freedom, ME 04941  
Richard W. Stoeltzing, 1011 Royal Court, Cheswick, PA 15024  
Mrs. Lowell A. Storm, Chugwater, WY 82210  
Mrs. Leona Story, Rt. 1, Box 429, Buckley, WA 98321  
Esther Strickland, 2722 E. 84th, Tacoma, WA 98445  
William S. Struve, 29 Dellewood Ave., Chatham, NJ 07928  
Charles Stuckey, M.D., 2201 Bucknell Ave., Charlotte, NC 28207  
Mrs. Oscar Sundberg, 16825 Marine View Dr., Stanwood, WA 98292  
Takesumi Susa, 1-27-1 Higashi-Nakano, Nakano-ku, Tokyo, Japan  
Mrs. Jean A. Schneider, 6914 Dartmouth Ave., St. Louis, MO 63130  
Mrs. Harold Schutt, Jr., 901 Berkeley Rd., Wilmington, DE 19807  
Mrs. A.J. Schwarz, 2509 NE 170th, Seattle, WA 98155  
Miss Linda A. Searle, Fleischmanns, NY 12430  
Seattle Public Library, Order Dept., Seattle, WA 98104  
Lillian R. Sedgewick, 1052 Ackerman Ave., Syracuse, NY 13210  
Mrs. Charles W. Seefield, 23600 Marine View Dr., #332, Seattle, WA 98188  
Selski-Khozajstven, Biblioteka, Orlikov Per, 3, Moscow, USSR  
Mike Shami, 298 Second Ave., Sault Ste. Marie, Ontario, Canada P6C 4N1  
Raid Sharoni, 67 Ave., El Fath, Fleming, Ramley, Alexandria, Egypt A.R.E.  
Mrs. Madeline Shesta, Folly Hill Farm RFD 3, Morrisville, VT 05661  
Emma Shields, 678 Huguenot Ave., Staten Island, New York, NY 10312  
Mrs. Alex Shier, P.O. Box 94, Long Beach, WA 98631  
William A. Siegel, 3024 Runnymede Dr., Norristown, PA 19403  
Anne Siepman, 3616 NE Bellevue-Redmond Hwy., Redmond, WA 98052  
Mrs. Joseph W. Silva, Foote, Hill Rd., Northford, CT 06472  
Dr. Mark Sivak, 1607 4th St., Brooklyn, NY 11230  
Clara Skupen, 3204 Ruston Way, Tacoma, WA 98402  
Alan P. Slack, 908 Twyckenham Rd., Bowling Green, Media, PA 19063  
Mrs. H.R. Smallwood, "Millstone Farm," Rt. 2, Box 88, Purcellville, VA 22132  
Bernard Smith, 35 The Drive, Gravesend, Kent, England, DA12 4BY  
Mrs. Clifford L. Smith, #1 Valley Vista Conval. Center, 820 Elm, St. Maries, ID 83861  
Mrs. E. White Smith, 4317 N. 18th, Tacoma, WA 98406  
Mrs. Elsworth J. Smith, 12 Weeks Place, New Rochelle, NY 10801  
Mrs. J.L. Smith, 84 Hill Rd., Canton, CT 06019  
Mrs. W.D. Snell, R.R. 2, 118 Snell St., Blue Mound, IL 62513  
Mrs. Andrew G. Sova, Nildbrand Rd., Perkiomenville, PA 18074  
Helene M. Smith, 1565 Madison St. NE, Salem, OR 97303  
Marie C. Schwartz, 20 Frances Dr., Montrose, NY 10548  
Albert Ross Smith, 112 Kennedy Dr., Duvall, WA 98019  
C.A. Stoffels, Kleikoele 15 (7431CZ), Diepenveen (OV), The Netherlands  
Skagit Mens Garden Club, 364A Yokeko Dr., Anacortes, WA 98221  
Mrs. M.E. Sanderson, Charlotte St., Ballymoney, Northern Ireland  
Douglas T. Seidel, 118 Church St., Macungie, PA 18062  
Mrs. George E. Staehle, 83 Old Hollow Rd., Short Hills, NJ 07078  
Swanson's Nursery, 9701 15th NW, Seattle, WA 98117

Marion Tobey, 1524 Ridge Rd., Lansing, NY 14882  
Mrs. Patrick Terry, 1909 Summitview, Yakima, WA 98902  
J. Thomas, 54 Gwythr St., Pembroke-Dock, Pembrokeshire, Wales, United Kingdom  
Ruth Tichy, 3226 Oak Ave., Brookfield, IL 60513  
Rosalie C. Tempest, 365 Blohn Ave., Box 676, Aromas, CA 95004  
Dorothy M. Tewinkel, Rt. 1, Box 1491, LaGrande, OR 97850  
Seiko Takuma, 1617 Mizumoto, Sarumachi, Katsushikaku, Tokyo, 125 Japan  
Florence Tibbats, 1924 4th St., Kirkland, WA 98033  
Robert Tripett, 329 Whitehall Rd., Westfield Wyre, Bradford, Yorkshire, England, BD 12 9DX  
M.A. Town, 33 New Lane, Skelmanthorpe, Nr. Huddersfield West Yorkshire, England HD8 9EH  
Gerald J. Throop, 485 SW 144th Ave., Beaverton, OR 97005  
Carol Tamasianas, 1217 N. Saginaw, Lapeer, MI 48446  
Charlotte Thompson, P.O. Box 107B, Point Arena, CA 95468  
Tacoma Primrose Society, 30805 112th Ave. SE, Auburn, WA 98002  
Tacoma Public Library, 1102 Tacoma Ave. S., Tacoma, WA 98402  
Mrs. L.G. Tait, Primrose Acres, 14015 84th Ave. N.E., Bothell, WA 98011  
Mrs. William Tate, 10722 SE 40th Ave., Milwaukie, OR 97222  
Mrs. Harvey Taylor, 14 Porter Rd., Farmington, CT 06032  
Mrs. Chester Thomas, 20247 SE 206th, Maple Valley, WA 98038  
William Thomas, 1805 Greenleaf Dr., Royal Oak, MI 48067  
Hugo Thomsen, Kirkegade 60, DK-7430 IKAST, Denmark  
Olive Thomson, Rt. 1, Mt. Hareb, WI 53572  
Rita Tomsivic, Rt. 5, Box 205, Waupaca, WI 54981  
Clare D. Townsend, 4660 Beckley Rd., Battle Creek, MI 49017  
Betsy Trost, 5550 Brookdale Rd., Birmingham, MI 48008  
Mrs. Willis Trzynka, 1985 SW 325 Ave., Hillsboro, OR 97123  
Tasha Tudor, Rt. 4, West Brattleboro, VT 05301  
June Tufte, 1122 29th SE, Auburn, WA 98002  
Tor Thorsen, Nedre Bastadv 28, 1370 Asker, Norway  
Margery L. Thompson, 4 Eastlands Crescent, Dulwich, London, SE 21 England  
Tony Trujillo, 11617 Gravelly Lake Dr. SW, Tacoma, WA 98499  
Helmut Tietze, Hogmannsthlasse 5, A-8020 Grzz, Austria  
Pauline Tiffany, 65 W. 30th Ave., Eugene, OR 97407

Anderson Horticultural Library, University of Minnesota, Landscape Arboretum, 3675 Arboretum Dr.,  
Chaska, MN 55318  
University of California, Serials Dept. General Library, Berkeley, CA 94720  
Acquisitions Dept., University of California Library, Davis, CA 95616  
University of Tennessee, Agriculture Library, Morgan Hill, Knoxville, TN 37916  
Helmut Tietze, Hogmannsthlasse 5, A-8020 Grzz, Austria  
Pauline Tiffany, 65 W. 30th Ave., Eugene, OR 97407

Margaret & David Vallance, 46410 Uplands Rd., Sardis, B.C., Canada VOX 1Y0  
Rose Vasumpaur, 4138 Garden Ave., Western Springs, IL 60558  
J.D. Vertrees, Maplewood Nursery, 311 Maplewood Lane, Roseburg, OR 97470  
Ann VanDyke, 2105 S. 124th St., Seattle, WA 98168  
Elizabeth Van Sickle, 654 Marine View Dr., Sequim, WA 98382  
Mrs. Aiko Vail, 235 N.W. Orchard Dr., Portland, OR 97229  
Mrs. Carl Valentine, 392 Spruce Brook Rd., Berlin, CT 06037  
Victorian Plant Research Institute, Librarian-Plant Sciences, Swan Street-Burnley, Victoria 3121, Australia  
Harry R. Venables, P.O. Box 482, 700 Reiten Rd., Kent, WA 98031  
Valley-High Primrose Society, 7100 SW 209 Ave., Aloha, OR 97005

Dr. Michael J. Walker, 112 Moorside N., Fenhem, Newcastle upon Tyne, England NE4 9DX  
Maj. Edwin E. Winterling, 10519 Brookline SW, Tacoma, WA 98499  
Dr. W. F. Watters, Annandale, Renwick, Marlborough, New Zealand  
Donald Weeks, Brick Church Rd., R.D. #2, Weedsport, NY 13166

Helmut Wohliert, Hasselrott 32, D-2303 Gettorf/Kiel, West Germany  
 Susan Webb, 2828 Grace Rd., Kalamazoo, MI 49007  
 Mrs. Theodore Wiper, 23757 54A Ave., Langley, B.C., Canada V3A 4R1  
 Washington State Primrose Society, 13069 Avondale Rd., Redmond, WA 98052  
 Mrs. J.A. Wingert, 1715 Llandaff Place, Victoria, B.C., Canada, V8N 4V2  
 John Patterson Whitworth, 14 Marlborough St., Sandy Bay, Hobart, Tasmania 7005  
 Mrs. D. Bruce Whittlemore, 90 Ridgecrest Dr., Westfield, MA 01085  
 Margaret H. Wisner, 338 Kemerer Dr., Greensburg, PA 15601  
 Mrs. Elliot A. Wood, Rt. 2, Box 242, Asheboro, NC 27203  
 C.F. Windsor, 36 Windsor St., Cheltenham, Gloss, England, GL52-2DE  
 Winterbrook Nursery, 9919 NE 99th Ave., Arlington, WA 98223  
 James W. Wilkins, Jr., 3601 Vrooman Rd., Jackson, MI 49201  
 Mrs. Eva-Marie Weyrauch, R.2, Campbellcroft, Ontario, Canada L0A 1B0  
 George M. Wickstrom, 2293 Harding Ave., Muskegon, MI 49441  
 Douglas P. Willis, AM Fasgadh, Station Crescent, Fortrose, Scotland  
 Mrs. A.K. Wilson, 3248 Service St., Victoria, B.C., Canada V8P 4M7  
 Washington State Library, Olympia, WA 98504  
 Avis M. Wheatley, Box 222, Castle Rock, WA 98611  
 Barbara Woodsmith, Box 439, Newport, OR 97365  
 Henry Wachs, 100 Edgewood Ave., Mill Valley, CA 94941  
 Mrs. Corydon Wagner, Sr., 12221 Gravelly Lake Dr. SW, Tacoma, WA 98499  
 Elizabeth Warden, Furzehill, Molland, Botreaux, So. Molton, Devon, England EX 36 3NW  
 Mrs. N.B. Washburn, 2905 SW 209th Ave., Aloha, OR 97007  
 Mrs. James W. Watson, Box 3, Brunswick Beach, Lions Bay, B.C., Canada  
 Marjorie Watson, North Garphar Cottage, Ballantrae Girvan, Ayrshire, England KA260LR  
 Wegerzyn Garden Center, 1301 E. Siebenthaler Ave., Dayton, OH 45414  
 Earl D. Welch, 15234 40th Ave. S., Seattle, WA 98188  
 Liliane Wells, 49458 Kane Ranch Rd., Oakhurst, CA 93644  
 Mrs. Richard Wetzel, c/o Henry Jannssen Corp., 1330 Penn Ave., Reading, PA 19610  
 Mrs. K.D. Wilkins, 213 Rosedale Heights Dr., Toronto, Ontario, Canada M47 1C7  
 Mrs. Robert S. Williams, 842 Nylarol St., Moscow, ID 83843  
 Ross Willingham, 2248 S. 134th, Seattle, WA 98168  
 Dolores Wilson, P.O. Box 788, Penn Valley, CA 95946  
 Mrs. Edward C. Wilson, Rt. 2, Box 1167, Corbett, OR 97019  
 Dr. D.P. Winstanley, Woodlands-Tort Hill Rd., Greensted-Ongar, Essex, England CM5 9LH  
 Dr. Michael Wirth, Rt. 1, Concord, NH 03301  
 Mrs. E.J. Wold, Roosevelt Apt. C-6, 201 9th, Aberdeen, WA 98520  
 Mrs. Deane Wood, 962 104th E., Tacoma, WA 98445  
 Mrs. E.P. Wheeler, II, Blue Mountain Lake, NY 12812  
 Lorna M. Wells, Rosemount, Hill Dr., Lutterworth, Leicestershire, England LE 17-4BJ  
 Mrs. Stephen A. Weiss, Hornby Island, B.C., Canada V0R 1Z0  
 Mrs. J.L. Warren, 57 Pilkington St., Dunedin, N.W. 1, New Zealand  
 Winterthur Museum, Gardens Division, c/o Walter O. Pettrall, Winterthur, DE 19735  
 J. White, Horsham Ave., Friern, Barnet, London N12 England  
 Mrs. Mel Williams, P.O. Box 327, Trinidad, CA 95570  
 Mr. Joy Wright, Newalls Rd., Hamilton, RD 3, New Zealand

Mrs. A.C. Young, Rt. 1, Box 86, Lakebay, WA 98349  
 Mrs. Edith Young, Rt. 3, McDougal Lane, Peekskill, NY 10566  
 Thomas A. Yates, 9224 Sperry Rd., Mentor, OH 44060  
 Kenneth Youhill-Branford, 6 Ing Terrace, Shelf, Halifax, West Yorkshire, HX3 7LB England

Charles Zuber, 104 Simpson St., Wilkes-Barre, PA 18702  
 Henrik Zetterlund, Lilla Anggarden S 41319, Gothenburg, Sweden  
 Mary Zach, 8825 NW Bailey St., Portland, OR 97231  
 John J. Zanini, P.O. Box 333, Penn Valley, CA 95946  
 Jack Zeigler, 10640 Riviera Pl. NE, Seattle, WA 98125  
 Gladys Zimmerman, 664 Oakwood Dr., Glastonbury, CT 06033

# American Primrose Society

## Officers

President: Herbert Dickson, 2568 Jackson Highway, Chehalis, Wash. 98532  
 Vice president: Frank Berthold, 1614 NE 128th, Portland, Ore 97230  
 Recording secretary: Ann Lunn, 3040 N.W. Parkview Lane, Portland, OR 97229  
 Treasurer: G.K. Fenderson, Grout Hill, South Acworth, N.H. 03607  
 Corresponding secretary, east: Alice Hills Baylor, Stage Coach Rd. Stowe, Ver. 05672  
 Corresponding secretary, west: Gus Arneson, 1004 NW 179th Pl., Seattle, Wash. 98177  
 Editor emeritus: Florence Bellis, 2835 N. Oar Ave., Lincoln City, Ore. 97367

## Directors

Alice H. Baylor, Stowe, Ver. 1978	Helen Moehnke, Banks, Ore. 1980
Elizabeth Van Sickle, Sequim, Wash. 1978	Eileen Trzynka, Hillsboro, Ore. 1980
Ruth Huston, Gig Harbor, Wash. 1979	Presidents of affiliated societies and chapters
Loie Benedict, Auburn, Wash. 1979	Cyrus Happy, Tacoma, Wash., editor, ex officio.

## Membership

Dues of \$7 a year are payable Nov. 15. Membership includes four issues annually of the Quarterly, cultural chart and seed exchange privileges. Three years for \$20. Life membership, \$100; garden club affiliated societies, \$7 a year; library and horticultural societies, \$7 a year; second member in family, \$1 a year. Overseas members, \$7 a year; please send by international money order. Send dues to the treasurer.

## Publications

Back issues of the Quarterly are available. Order from the secretary.  
 Manuscripts for publication in the Quarterly are solicited from members and other gardening experts, although there is no payment. Please send articles and photographs to the editor's office. 11617 Gravelly Lake Dr., S.W., Tacoma, Wash. 98499.  
 Advertising rates per issue: full page, \$60; half page, \$30; quarter page \$15; eighth page and minimum, \$10. Submit advertising to the editor.

## Seed Exchange

Ross Willingham, chairman, 2248 S. 134th, Seattle, Wash. 98168.

-----  
**Did you remember?**

Please pay  
 your dues to:

G. K. Fenderson  
 Grout Hill  
 South Acworth, NH 03607

