President's Message

Major and significant changes in the American Primrose Society have taken place during this past year: Peter Atkinson was appointed Director of the Seed Exchange; Pat and Thea Foster has been assigned as Editors of 'Primroses'; Mrs. Anita Alexander Historian; and the Society is beginning a new role as a Protector of native primula species.

Few people realize the tremendous amount of time, dedication, frustrations and just plain hard work required in the production of the Seed Exchange and the quarterly 'Primroses'; often, without any recognition for volunteered efforts and with an unrelenting choir of critics in the background.

The American Primrose Society is extremely fortunate to have Peter Atkinson, an avid grower himself, assume the leadership role in the Seed Exchange. A quick look at this year's listing of seed will reveal some major advancements in the selection of seed, documentation of the source and the participation of members in the Exchange. Peter has been working all year to produce a well rounded seed list with new and exciting 'finds' for members to try. Not only does it offer examples of the latest hybridizing advancements from commercial sources and rare native species, but examples of individual growers efforts in line breeding and hand pollination; thereby climatizing primulas to a wider and wider range of environments and locations. No longer can members use the excuse "but they don't grown in my area".

Pat and Thea Foster will have their hands full in meeting the expectations members have grown accustomed to expect from the Quarterly. Thea (a well known grower, author, artist and humorist in her own right) and her dedicated husband, Pat, will need the full support APS members to maintain "Primroses" as the publication for Primula growers throughout the world. Members are not only encouraged, but requested to communicate with the Fosters on suggestions for articles, descriptions and letters about their own horticultural efforts, and recommendations on individual growers that can be contacted to add to the Quarterly's interest. Mrs. Anita Alexander, who most graciously agreed to the Society's Historian will also be needing APS members support and help in assembling originals and copies of old documents, newspaper clippings, and other memorabilia. After this information has been catalogued, it will become available to APS members and students doing research on the American Primrose Society, individual personalities in the APS, and information on the cultivation of the various Primula species. The task of assembling the historic data on the APS is long overdue, but with APS member's donations, Mrs. Alexander, with her extensive knowledge and background in the Society, will be able to make a major contribution to the horticultural society.

I believe I am speaking for all American Primrose Society's Board...
A Tribute to Editors
Past & Present
by Herb Dickson

As we change QUARTERLY editors it is proper to pay tribute to the previous editor and others who have gone before him. As APS members we owe a debt of gratitude to these unpaid volunteers. A tremendous amount of time and effort is expended in keeping the QUARTERLY interesting, timely and of high quality, to benefit all of the membership.

I have been part of the APS since 1954. From working in close contact with the editors I got to know and became acquainted with all of the editors to date. Florence Bellis had relinquished the job before we became acquainted.

Susan Watson (formerly Worthington) was editor when I first became involved with the Society. She made a wonderful editor - full of ideas and energy. Her greatest accomplishment was the production of the original Illustrated Primula Dictionary. It was first published in four Quarterly issues. She then revised it and it was published as a booklet for sale to members and others in 1959.

Charlie Gilman and his wife Alice are memorable to me for their enthusiasm and Charlie's sense of humour. Nancy Ford is remembered for her voluminous correspondence with people interested in primulas. The QUARTERLY reflected her enthusiasm and attracted many advertisers.

Anita Alexander deserves great credit for her special 25th Anniversary issue. Later, Cy Happy III came along and with his wife Rita, put out a super QUARTERLY. They instituted the large primrose covers which extended from front to back. They also brought colour into some of the issues. As Cy was an avid grower and a successful exhibitor of Show and Alpine Auriculas, he injected this enthusiasm into articles he wrote for the QUARTERLY. After a number of years they needed a well-earned rest and relief from the job.

Lary and Linda Bailey then took on the job for three years, until pressure of business requiring his full attention ended their tenure. He presented extensive source lists for plants and supplies for the benefit of members.

At that time we were planning a special colour issue of the QUARTERLY in honour of my late wife, Dorothy, who, like me, had been a long-time APS member and worker.

I will always be grateful to Cy and Rita Happy for taking over as interim editors. They did a superb job on the full colour issue and a few more afterwards, until Richard Critz volunteered.

Richard Critz rates as one of the better editors. Living in Pennsylvania, he endeavoured to make it a national publication. Many of us regret his retirement.

Thea Service Foster of Vancouver, Canada, is our new editor. She comes well qualified having edited the Alpine Garden Club of B.C. Bulletin for several years. She has promoted primula and auricula information and revived a growing interest in them among the members of the B.C. Club; which was appreciated, but, the APS has members worldwide.

Recently, Larry Bailey received a letter about Primula growing in Estonia. Wonderful! We would so enjoy hearing from members from other far countries, with the broadest representation of climates as possible.

Timing of seeding and dividing of Primulas is so dependant on local conditions that we would like to print articles giving this information, which we feel would be useful to members in other regions where Primulas are grown. This requires writers to give a brief outline of climate and soil conditions for their area, so that readers may judge whether the author's timing of procedures will suit their part of the world.

In the Pacific Northwest we grow what is known as a 'soft' climate - generally moderate in temperature and wet in the winter. It is good Primula country, somewhat like the Southwest of Scotland. Members we would like to hear from as well, are those who succeed under much more difficult growing conditions, giving their innovative methods for coping with extremely hot and cold weather.

Submissions need not necessarily be in article form. Shorter and less formal items and letters to the editor will be most welcome.

There is nothing any editor, especially a new one, appreciates more than a full to bursting letterbox.
From the mailbox

...For those living on the shores of the Baltic Sea, a door has been opened wide in the autumn of 1989 to countries on the Eastern Coast, the Republics of Estonia, Latvia and Lithuania. You can imagine our feelings on regaining our neighbors.

At the closest they were only 100 miles away but we were closed off from these countries for 50 years and were not free to travel there. In October, 1989, through the International Clematis Society, I received an invitation from the Estonian Horticultural Society to visit. From October 25th to 29th, I travelled 250 miles in North and Central Estonia, visiting the private gardens. The Plants reminded me of some of the earliest I remember of the late 1940's and early 1950's.

Gardening in Estonia is based on plant material from before World War II. Some had been obtained from old parks in the U.S.S.R., and some from other East European Countries. My hosts, the Editors of their Horticultural Journal, 'AIANDUS MESINDUS' told me of their efforts to present their readers with information about the Horticulture of the West. Their Horticultural Association. The Editors look forward to translating articles into Estonian for printing in ANAIDUS MESINDUS. It is likely that seeds of Primula species, native to Estonia, the other Baltic Countries and the U.S.S.R. could be provided to you in appreciation. The Editors look forward to hearing from you, they are: Mr. & Mrs. Maire and Mati Laane, Sompa Tee 33, 200019, Tallin, Estonia, USSR...

Sincerely yours:
Lennarth Jonsson,
Lindesh Asvagen 8, S.371, 45, Karlskrona, Sweden.

Lennarth Jonsson has written to us about his very recent trip to Estonia (the above is an edited version for space requirements.) We have written to the Estonian Horticulture Society Editors in hopes of learning about Primula culture there. APS members will no doubt wish to encourage such a dedicated group of growers. TSF.

My original reason for starting to hand pollinate was a very practical one. In my S.W. corner of British Columbia almost no primulas are sold. Just south of us in Washington and Oregon there is a heavy concentration of primula specialists who trade between themselves. There are also numerous excellent nurseries where a fairly broad selection of primulas are available. I also saw many more such lovely plants at the American Primrose Society Shows each spring which proved the value of hybridizing and careful selection.

In 1983, Larry Bailey gave me a hand pollinated pod from one of Herb Dickson's fine Blue Border Auricula plants which he had growing in his garden. The seedlings from that pod were very good and showed me what a difference hand pollinating could make. These seedlings and other Blues and Yellows grown from H. Dickson's BORDER AURICULA seed strain became the basis of my breeding stock. From then on I was on my own, originally concentrating on producing bright clear unshaded flowers with clearly defined white eyes, on my Borders.

For years I studied every article available to me which described pollinating methods. There were many ways of transferring pollen - all used with obvious success by well-known breeders, however it wasn't until I read Cy Happy's (Spring 1977 Primroses) item about picking up pollen on the slightly moistened tip of his penknife that I felt I'd found the ideal method for me.

One of my favourite all-round tools is an Xacto Craft Knife with a narrow

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P. auricula f. ‘Lemon Sherbet’ is a most remarkable plant however, in that it has never failed to flower in both Spring and Fall, with an occasional third small flush in December or January! ‘Lemon Sherbet’ produced open pollinated seed in 1988 which was sown when ripe in August ’88. In the period from August ’89 to late October several of the small seedlings had each bloomed twice. My high hope is that my crop from the two Austrians may consistently produce seedlings which are bright colored and annual bloomers (or rebloomers if the gene is transmitted).

Last April I acquired a P. marginata hybrid ‘Lou Roberts’ (P. m. ‘Linda Pope, x ‘Marvin’) when it was in flower. LOU ROBERTS was an early APS member who helped FLORENCE BELLIS to assemble the earliest APS Quartlies, working on her Milwaukee, OR., dining room table. It was promptly crossed onto P. m. ‘Agee’ - producing a splendid crop of seed. (Fresh seeded in August it has started germinating since our first light November frost). ‘Lou Roberts’ surprised me by producing two more spikes of its lovely deep ‘Linda Pope’ blue, white-eyed flowers in very late May. Not to be satisfied with that stellar (encore) performance, ‘Lou Roberts’ came out again in early August, continuing well into September! As I was enchanted by this third coming - ‘Lou Roberts’ was used on P. auricula f. ‘Lemon Sherbet’ on August 5th, resulting in a harvest of 80 seeds in November! These were immediately transmitted).
“blue denticulata.” Do you know of any other company that may sell “blue” (true blue, not lavender blue) denticulata seed? If you have, or know of any one who has, a “blue flowered” denticulata plant please contact Don Keefe at 22604 N.E. 20th Pl., Redmond, WA 98053.

CREEPING ROOTSTALKS AND BLOOM TIMES OF JULIAE HYBRIDS

Here is a quote from an article by Florence Bellis appearing in the APS Quarterly, Fall 1973, which may interest hybridizers: “... all hybrids between P. juliae, and polyanthus bloom in polyanthus time, and all hybrids between P. juliae and acaulis bloom earlier in acaulis time. And the hybrids seldom creep, if ever, in the first few generations. They do their creeping when they are much older, generation-wise."

APS QUARTERLY BACK ISSUES

If you live in or happen to visit the Seattle area, drop in at the main Seattle Public Library. Except for the very early issues, the library has almost a complete collection of the APS Quarterly back issues, bound in hardcover volumes. Also, visitors may peruse through the University of Washington libraries. The graduate school library has back issues of some of the APS Quarterlies, and of many American, English and German gardening magazines. You will find more information in the European magazines concerning primulas than in most American ones. The library has some primula books, including G.K. Fenderson’s “A Synoptic Guide to the Genus Primula.” Old Quarterlies may also be purchased from the APS by contacting Jay Lunn, APS Treasurer, 6620 N.W. 271st Avenue, Hillsboro, OR 97124.

NOTES FROM DON KEFFE

Dividing Primula Plants: Last spring, I divided two of my top-notch primulas into single crown plants. During the early summer I decided to divide them again, as double crowned plants were starting to appear. Then, I tried something new. I separated the new crowns from the plants again. Using a single-edged razor blade, I then split the plants again, right down the middle of each plant, cutting through each stem and adjoining root. The larger scraps left, e.g., part of a stem without roots or vice versa. I won’t say that they all rooted; as they didn’t. But most of them rooted, including many from the scraps. I was out of rooting compound so I didn’t use it; nor did I use sulphur powder.

One of the plants I divided is what I call “Mary’s Gold”. It is a delightful bright yellow juliana with a creeping rootstalk, probably a “Sakata” dwarf. Almost all of the tiny new plants started blooming in the fall and are still blooming, as Larry Bailey and others can testify. Most of them already have one to three new crowns. However, quoting from Herb Dickson’s article in the APS, Winter 1981 “This lack of dormancy makes them subject to winter damage in severe weather.” The plants have withstood several freezing periods so far, without any damage to speak of, but we haven’t had any severe freezing weather in the Seattle area yet this year.

The other plants divided were P. x Peter Klein hybrids. Peter Klein is the result of a cross between the light pink, half hardy P. clarkei and the hardier P. rosea. The are sturdy plants and have withstood the short bouts of freezing weather well. I’m surprised that more APS members do not grow this attractive plant. My plant starters were pur- chased at the Wells Medina Nursery (near Bellevue, WA). This nursery often sells species and hybrid primulas.

Growing Primulas around Conifers: I have read that primroses should not be grown near conifers. Nevertheless, many of my primulas are grown under or around the edges of a tall hemlock tree and many tall cedars. With the branches thinned out and the smaller cedar trees being removed, the primulas seem to grow and bloom fairly well. The area is so attractive, with brick lined paths wandering through the wooded area, between rhododendrons, azaleas, and many perennials, that removing the trees would spoil the beauty of the setting.

Rosetta Jones’ Pop Bottle Gardening: To grow primula and other seeds, I use Rosetta Jones’ absolutely delightful method of using two liter plastic pop bottles as miniature greenhouses. If interested, I suggest that you read Rosetta’s articles in the Winter 1982 and/or the Summer 1985 Quarterlies. If you have problems germinating seed (damping off, forgetting to water them, etc.) the use of Rosetta’s pop bottle culture is the cure.
The final pages are devoted to a very interesting and well documented discussion of *heterostyly* and *homostyly* in Primulas. Wonderfully sharp scanning electron micrographs (x200) are used to illustrate the difference in the stygma surfaces of pin and thrum eyed primula flowers. These much enlarged photographs should fascinate hybridizers, as will this entire section.

The text is enjoyable and most precise - Not a word has been wasted. TSF.

Published by:
Shire Publications,
Cromwell House, Church Street,
Prince's Risborough,
Aylesbury, Bucks. U.K.
HP17 9AJ.
Price: 1.95 Sterling.

The new book, PRIMULAS OF THE BRITISH ISLES by Dr. John Richards, Senior Lecturer in Biology at the University of Newcastle upon Tyne, is proof positive that good things do come in small packages.

Dr. Richards begins with a section on native primulas of the British Isles, including 'clear maps indicating the distribution of the various species. The author included the bird's eye primrose (*P. farinosa*) the Scottish bird's eye (*P. scotica*) the primrose (*P. vulgaris*) The cowslip (*P. veris*) and the oxlip (*P. elatior*). Habitats of the species are carefully defined. Differences are unusually well detailed. Hybrids between the Primrose, Cowslip and Oxlip occurring in the wild are included.

Colour photos used are clear and colour-register appears to be absolutely true. A close up of red-violet *P. scotica* is the best I have ever seen. What a choice small gem it is.

There is also a brief but useful review of Primula hybrids currently growing in the British Isles with a few colour photos of them. The charming plate of Primula 'Carryard Guinevere' often shown at APS N.W. Shows, particularly caught my eye.

**AURICULAS:**
*Their Care and Cultivation*
by: Brenda Hyatt

In the Fall Quarterly the address of the publisher, Cassell, London, was inadvertently omitted and should read: Cassell, Artillery House, Artillery Row, London, SW1 IRT. att'n. Mr. Barry Holmes. Price: 12.95 Sterling

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**Primula Seed Sources**

**HORTICULTURAL SOCIETIES THAT OFFER SEED EXCHANGES WITH PRIMULA SEED**

<table>
<thead>
<tr>
<th>Society</th>
<th>Address</th>
</tr>
</thead>
</table>
| American Primrose Society                    | Jay Lunn, Treasurer
|                                             | Rt. 5, Box 93
|                                             | Hillsboro, OR 97124                                                    |
| Alpine Garden Club of B.C.                  | Gerry Gibbens, President
|                                             | 803 Lilooet Rd.
|                                             | North Vancouver, B.C. V71 2H5                                           |
| American Rock Garden Society                | Miss Buffy Parker, Secretary                                           |
|                                             | 15 Fairmead Road,                                                     |
|                                             | Darien, CT 06820                                                      |
| Berry Botanic Garden                        | Kazuo Hara, Secretary                                                 |
|                                             | 9-21 Miyata, Matsumoto                                               |
|                                             | Nagano 399, Japan                                                     |
| Matsumoto Sakrasoh & Primula Club           | The Secretary                                                        |
|                                             | Lye End Link, St. John's                                              |
|                                             | Woking, Surry England                                                |
| The Alpine Garden Society                   | Mrs. Evelyn Stevens, Secretary                                        |
|                                             | The Linns, Sherifffmuir                                                |
|                                             | Dunblane, Perthishre FK15 OLP                                         |
| The Scottish Rock Garden Club               | Scotland, UK                                                          |
|                                             |                                                                        |
**HORTICULTURAL SOCIETIES WITH INFORMAL PRIMULA SEED EXCHANGES**

<table>
<thead>
<tr>
<th>Society</th>
<th>Address</th>
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</table>
| National Auricula and Primula Society - Northern Section | Mr. D. G. Hadfield, Hon. Secretary
|                                              | 148 Queens Road, Cheadle Hulme                                        |
|                                              | Cheddle, Cheshire SK8 5HY                                               |
| National Auricula and Primula Society - Midland and West Section | Mr. G. Morris, Hon. Secretary                                           |
|                                              | 28 Little Sutton Road, Four Oaks                                       |
|                                              | Sutton Coldfield, Birmingham                                            |
|                                              | England                                                               |
| National Auricula and Primula Society - Southern Section | Mr. L. E. Wigley, Hon. Secretary                                        |
|                                              | 67 Warnham Court Road                                                 |
|                                              | Carshalton Beeches, Surry                                              |
|                                              | SM5 3ND                                                              |

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COMMERCIAL SOURCES FOR PRIMULA SEED

Many of the following commercial seed companies only offer seed through wholesale or large orders. APS members are encouraged to write to the following firms to obtain their current catalogues or information on the locations of retail outlets for their seed. When writing, members are also encouraged to mention that the source of the company's name and address was through the American Primrose Society.

Albiflora
P.O. Box 24 Gyotoku, Ichikawa, Chiba 272-01 Japan

American Takii, Inc.
301 Natividad Rd., Salinas, CA 93906

Anita Alexander
35180 S.E. Hwy. 211, Boring, OR 97009

Appalachian Wildflowers
Route 1, Box 275A, Reedsville, PA 17084

Ball Seed Co.
P.O. Box 335, W. Chicago, IL 60185

Bodger Seeds Intl.
P.O. Box 5090, El Monte, CA 91734

Brenda Hyatt Auriculas
1 Toddington Crescent, Bluebell Hill, Nr. Chatham, Kent ME5 9QT England

Chehalis Rare Plant Nursery
2568 Jackson Highway, Chehalis, WA 98532

Chiltern Seeds
Dept. AS, Bortree Stile, Ulverston, Cumbria LA12 7PB England

Chris Chadwell
81 Parlaut Road, Slough, Berkshire SL3 8BE England

Craven’s Nursery
Hall Barn Nursery, Windsorend, Beaconsfield, Bucks, HP9 2SG England

Daehnfeldt Inc.
P.O. Box 947, Albany, OR 97321

Donnington Nursery
Donnington House Main Rd. Wrangle, Boston, Lincolnshire PE22 9AT England

G. Ghose and Co.
Townsend, Darjeeling, India

Germania Seed Co.
5952 North Milwaukee Ave. Chicago, IL 60646

H. G. German Seeds
201 West Main St. Smethport, PA 16749

Harris Moran Seed Co.
1155 Harkins Rd., Salinas, CA 93901

Holden Clough Nursery
Holden, Clitheroe, Lancs. BB7 4PF England (Nr Bolton-by-Bowland)

Inshriach Alpine Plants
Aviemore, Inverness-shire, PH22 1QS Scotland

Jellito
Staudensamen Postfach 560127
D-2000 -Hamburg 56 West Germany

Kieft Blumensamen
P.O. Box 1000, 1695 ZG Blokker, Holland

L. Daehnfeldt, Inc.
P. O. Box 947, Albany, OR 97521

L. S. A. Goodwyn and Son
Goodwyn’s Road, Bagdad St 7407, Tasmania, Australia

Northrup King Co.
P. O. Box 959, Minneapolis, MN 55440

P. Kohli and Co.
Park Rd., Srinagar, Kashmir 190009 India

Rocky Mountain Rare Plants
P.O. Box 9092, Denver, CO 80224

Rosetta Jones
E. 170 Dunoon Pl, Shelton, WA 98584

Sahin, Zaden B.V.
Postbus 227, Gerard Doustraat, 32400 AE Alphen a/d Rijn, Holland

Sakata Seed Corporation
C.P.O. Box Yokohama No.11 Yokohama Japan

Saltspring Primroses
2426 W. 47th Ave.
Vancouver, B.C. V6M 2N2 Canada

Samen Mauser AG Dubendorf
Zuurichstrasse 98,
CH-8600 Duubendorf 1, Switzerland

Sluis & Groot (Flw Seed Div)
4600 S. Ulster St., Suite 700
Denver, CO 80237

Southwestern Native Seeds
P.O. Box 50503, Tucson, AZ 85703

Stokes Seed Co.
Box 548, Buffalo, NY 14240

The Primrose Path
RD 2, Box 110, Scottsdale, PA 15683

Thompson and Morgan
P.O. Box 1308, Jackson, NJ 08527

Torbay’s Plant World
St. Mary Church Road, Newton Abbot, S. Devon., England
PRIMULA JULIAE HYBRIDS - SAKATA TYPES
by: Don Keefe

General: Most APS members have never seen a Sakata seed catalog. Many are not aware that some are hardy and some are half-hardy! Many do not know where to purchase Sakata's dwarf hybrid primula seeds. Many do not know where to buy Sakata primula seed retail. Many are unaware whether the Sakata dwarf hybrid plants sold at supermarkets are the half-hardy (1) Lovely Series plants or the hardy Julian Hybrid plants. I hope that the contents of this paper will be of help to you.

Sakata Seed Corporation's catalog for 1988-89 lists two types of what are described as 'Primula Acaulis' extra dwarf plants with small leaves. One type is called miniature 'Julian Hybrids' and the other type is called semi-miniature 'Fl Hybrid Lovely Series.'

Julian Hybrids are listed as being amazingly tolerant to cold, with one exception (see Julian Hybrid Mixed below), and as having a most fascinating color range. There are five varieties, namely:

- Julian Hybrida Mixed are miniature types of Polyanthus (in bright shades of blue, yellow, apricot, red, pink and white. The plants are 4" tall,(2)) and are fairly resistant to cold.
- Julian Bicolor Mixed are mainly pink. The balance of the plants range from orange to yellow. Distinct ringed eyes give them a bright bicolor effect.
- Julian Cheerleader Mixed are bicolor, with deep eye marks, with larger flowers than the Julian bicolors. The flowers are 2" across.
- Julian Gold Ridge Mixed (are 2" tall)(3). All of the flowers have distinct gold or silver edges with conspicuous yellow centers. They bloom slightly later than the other Julians. The flowers are 1 1/2" across. Blooms slightly later than others.
- Julian Cherriette Mixed have new cherry shaped blooms. Flowers are about 1 1/2" across. Flowers early.

Lovely Series hybrids are described as Fl hybrids, and are extra early flowering, with flowers 1 1/2" in diameter borne in great profusion. Their height is about 3 1/2". The plants remain dwarf and compact. The flowers come in apricot, blue, pink, pink-bicolor, rose, scarlet and white. (The Park Seed Company list the plants as being half-hardy. I don't know whether they are Juliae hybrids or not. I forgot to ask Cy Happy or Jerry Flintoff. Creeping Rootstalks.

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At a recent meeting of the Seattle APS Chapter, both Cy Happy and Jerry Flintoff assured me that the Sakata dwarf primroses may have creeping rootstalks. Cy Happy's article in the APS QUARTERLY, Spring 1985, states in part: "A tiny brilliant red Julian hybrid from Sakata seed is starting. Only 1 1/2" high, it has a spreading habit but not round leaves like P. juliae. I have had this plant for about eight years. It is very hardy and multiplies nicely."

Where to Purchase! I have been unable to find a company that sells the hardy Hybrids seed retail. Parks Seed Catalog for 1990 lists the half-hardy Lovely Series mixed seed packets. Thompson & Morgan seed company no longer list any types of Sakata seed.(40) Whether local retail stores (supermarkets, etc.) sell Julian Hybrids or the Lovely Series hybrid plants is at their discretion. I believe that they have sold both of them at different times. If you know of a nursery or seed company that sells Julian Hybrids seed retail, please advise the APS Editors. Herb Dickson's Comments. The following is a quote from Herb Dickson's article in the APS QUARTERLY, Winter 1981. "Recently a strain of mini-juliana seed has come on the market!"

A photograph of a Sakata type Juliae hybrid was not available. The one used is an 'anon.' hybrid — we will print a photo of a Sakata hybrid in the Spring Issue.

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TACOMA PRIMROSE SOCIETY
March 30th - April 1st

NATIONAL SHOW

VALLEY HI PRIMROSE SOCIETY
April 7th & 8th
Bernard Beaverton Mall
Beaverton, Oregon

WASHINGTON STATE CHAPTER
April 14th

EASTSIDE PRIMULA SOCIETY
April 20th & 21st

OREGON PRIMROSE SOCIETY
April 21st and 22nd

For further details regarding any of the regional shows please contact society officers listed on page 37 of this issue.

SHOW DATES IN THE UNITED KINGDOM

The Northern Section of the NATIONAL AURICULA & PRIMULA SOCIETY have held their Shows on the same day for many years. They have established the first Saturday in April for the Primula Show and the first Saturday in May for the Auricula. The Primula Show is held in Leeds and the Auricula Show in Manchester. Neither area is noted for its flora, although Leeds is not far from The Dales where Farrer found P. farinosa. On the same dates, the ALPINE GARDEN SOCIETY hold Shows not more than 3 or 4 miles distant, so the truly nippy enthusiast can take in two shows on the same day. Overseas visitors may do two for the price of one, so to speak.

The Southern Section of the NAPS has scheduled their Primula Show for Saturday, April 7th, 1990, at the Village Hall, Horton Road, Datchet, Berkshire. Their Auricula Show on Saturday, April 28th, 1990, at Church House, Holy Trinity Church, Brompton Road, London, SW7. As these two dates and venues may be subject to change, a quick confirmation to the Secretary: L. E. Wigley, 67 Warnham Court Road, Carshalton Beeches, Surrey, SM5 3ND, may be advisable.

PRIMULA & AURICULA CONFERENCE - 10TH MARCH 1990

Organized by the N.E. Section of the NAPS, this Conference is to be held at Houghall College of Agriculture and Horticulture, Durham, with hours from 9.30 am until 5.00 pm. Speakers booked are:

Dr. G. Smith, European Primulas and their Hybrids in the Wild, their Location and Taxonomy.
Mr. B. Burrow, European Primulas and their Cultivation in the Garden.
Dr. A. Richards, Asiatic Primulas and their Cultivation.
Mr. D. Hadfield, The Show Auricula - Its history, its present qualities, the aims of the hybridiser.

All talks will be illustrated with slides.

VANCOUVER ISLAND ROCK AND ALPINE GARDEN SOCIETY

This long standing Alpine and Primula Show will be held 27th and 28th April, 1990, at St. Mary's Anglican Church, Elgin Street, Oak Bay, Victoria, B.C.
Treasurer's report: The U.S. Postal Service is scheduled to increase the postage rates in 1991. The Board will discuss any raise in membership fees in time to have such an increase in effect for 1991.

The treasurer has obtained a Nonresident Permit for Exemption of sales tax in the state of Washington. To avoid paying sales tax, the product purchased by the Society must be consumed outside the state. Retailers, however, are not required to make tax exempt sales to nonresident permit holders.

Membership applications have been printed. Any individual or chapter who needs a supply, please contact Jay Lunn.

Board Meeting, Time and Place: The Spring Board Meeting will be held at the National Show, April 7th & 8th, 1990, in Beaverton, Oregon.

It was suggested that Chapter Presidents, who are unable to attend a board meeting, provide input in writing or appoint another member who can represent their Chapter.

1992 Primula Conference: Richard Critz has resigned as Conference Chairman. Possible replacements for this position have been contacted, but have not made a decision.

A committee consisting of Larry Bailey, Flip Fenili, Jay and Ann Lunn and Sue Chilton met in September to discuss the status of the Conference. Their recommendation was that the APS proceed with the Primula Conference in celebration of their 50th Anniversary on a scale and schedule compatible with the resources of the APS. A motion was made and approved to accept this recommendation. In keeping with this intent, the Board suggested that the Conference be limited to three days and include three speakers from overseas; the remainder would come from the United States and Canada. Expenses should be controlled in order to require a reasonable registration fee. Co-chairman might be selected in order to divide the work and responsibilities. Larry will contact the Royal Horticultural Society and the Berry Botanic Garden to advise them of any changes when plans have been detailed.

Spring Primrose Shows: The National Show will be hosted by the Valley Hi Chapter on April 7th & 8th, 1990. The location will be the Beaverton Mall, Beaverton, Oregon. Other show dates include:

- Tacoma Chapter - March 30th & April 1st, 1990
- Washington State Chapter - April 14th, 1990
- Oregon Primrose Society - April 21st & 22nd, 1990
- Eastside Chapter - April 20th & 21st, 1990

Quarterly: The Board approved the selection of Thea Service Foster as the new Quarterly editor. She will begin her duties with the Winter 1990 issue.

Historian: The Board approved the appointment of Anita Alexander as historian. Archives will be maintained at the Berry Botanic Garden in Portland, Oregon. An article will be placed in the Quarterly to urge any members to send pertinent information or materials to Anita.

Seed Exchange: A motion was approved to enable APS members to donate money ($25 is suggested) in lieu of Primula seed in order to be put on the Donors List. Such a policy would increase the financial resources for more seed purchases and would allow members, without Primula seed, a better opportunity to obtain seed of their choice.

The seed list will be included in the Winter Quarterly. Overseas members will receive individual lists via airmail.

Slide Library: Richard Critz has received a slide presentation on *Primula sieboldii.* It will be sent to Jerry Flintoff for inclusion in the slide library.

APS Letterhead: Stationery and envelopes have been purchased. Chapters needing a supply should contact President Larry Bailey. Chapters who wish to have a quantity printed with their name on the letterhead should contact Larry for a price list.

Announcements: A nominating committee will be appointed to prepare a slate of officers for 1990.

The Society wishes to thank the Washington State Chapter for their $200 donation.

Respectfully submitted,
Ann Lunn, Secretary.
Differences
Not everyone understands the differences between these two fine garden plants. Border auriculas should have some meal and little or no color shading on their petals. Garden auriculas have little or no meal and may show color shading and centers similar to alpine auriculas. Both are capable of beautiful colors. The attractive foliage stays green all year. They are perfect for border edging or for rockeries.

Commercial seed is available. Both are listed on the APS seed exchange. Try to get seed of selected colors—unless you are fond of mud tones.

Border and garden auriculas are outdoor plants—hardy and colorful. These spring-blooming perennials should grow anywhere in the United States and southern Canada. They don’t like strongly acidic soil nor hard dry frosts, however. In the winter they require cover (snow or evergreen boughs, for example) during a hard freeze.

Welcome at shows
Border and garden auriculas are welcome additions to show benches in England and the United States.

Herb Dickson Yellow Prizewinner
Photo by Cy Happy III

A Few Highlights From The Seed Exchange

by: Thea Service Foster

Members wanting a clear ‘picture’ of Primula species and forms, might find it worthwhile to consult Joseph Haldaf’s series of articles in recent Quarterslies - and to see Jarmila Hal- dova’s precise and beautiful botanical drawings of many of the Exchange listings. (ie: The P. verticillata forms, rarely seen in photos but beautifully illustrated in the Summer 1988 QUARTERLY).

P. anisidora seems to get some of the worst press of any species. The consensus is that it is a “dull plant”. I had a form from the University of B.C. Botanical Gardens that was a handsome deep red with a conspicuously vivid yellow eye. The leaf crown was strong and attractive - not ‘dull’ at all.

Cravens Nursery Catalogue offers 40 hybrid Juliana Wanda selections, one of which is listed. In the Fall I saw Wanda x ‘Rosy Posy’ in a Pot Show - it was vivid pink with strongly veined bronze leaves, a most desirable plant. They should be worth trying.

Double Auricula fanciers will find two hand pollinated offerings. 32 hybrid Auricula selections should give both gardeners and hybridizers a splendid chance to add to their stock of plants. Species Auriculas (Auricul-astrum) are also remarkably well represented by a splendid number of wild-collected seed choices, as well as the verinals from the Tatras and elsewhere. TSF.
The APS Seed Exchange is open to all members in good standing. Any member who has not paid their 1990 dues can renew their membership at the time of placing an order for seed by making out a Check or Money Order for $10 US dollars to: Jay Lunn, APS Treasurer.

Seed prices are 40 cents (U.S.) per packet, with a minimum order of $4.00 (U.S.) (for 10 packets). Make all remittance to THE AMERICAN PRIMROSE SOCIETY SEED EXCHANGE by personal Check, Bank Draft, or Money Order.

Personal Checks from foreign members will be accepted in currencies of the following countries: Australia, Belgium, Canada, Denmark, Holland, Federal Republic of Germany, Great Britain and Northern Ireland, Japan (Roman alphabet and Arabic numerals, please), New Zealand, Norway, Sweden, and Switzerland. Please, insure that foreign checks are made out to cover the U.S. Dollar amount plus 5%.

Mail all orders to Mr. Peter Atkinson, APS Seed Exchange, P.O. Box 59541, Renton, WA 98058.

The seed listing is as follows:

** SECTION AURICULA **

*049 auricula [B10](8)
*050 auricula [B13](10)
*051 auricula [B17](8)
*052 auricula Col [B25](5)
*053 auricula Col [B27](5)
*054 auricula [B28](8)
*055 auricula [B29](5)
*056 auricula [B51](10)
*057 auricula [B81](10)
*058 auricula [B6](5)
*059 auricula [B8](10)
*060 auricula [D30](5)
*061 auricula [U](15)
*062 auricula [U](15)
*063 auricula (ssp ciliata) Col [U](5)
*064 auricula Col [B27](6)
*065 auricula Col Obersteriemark, Austria [D17](7)
*066 auricula Col Treubsee, Obwalden, Switz. [B2](5)
*067 auricula Col West Tatras 8/11/89 [D46](6)
*068 auricula ssp baunhini [D27](5)
*069 clusiana [B13](10)
*070 clusiana [B8](10)
*071 clusiana Col 1700-2000M Kaernten Raxalpe, Austria [D17](5)
*072 daonensis [U](5)
*073 daonensis Col 2500M Alpes Rhetiques, Switz. [B18](5)
*074 deorum Col 2000M Rila Mts, Bulgaria 1988[D24](10)
*075 glaucescens [B22](5)
*076 glaucescens (var calycinia) [D15](6)
*077 glaucescens Col 1988[B27](5)
*078 glutinosa [B8](15)

** SECTION AUGANTHUS **

*048 sinensis (praenitans) [B17](6)

** SECTION AURICULA **

049 auricula [B10](8)
050 auricula [B13](10)
051 auricula [B17](8)
052 auricula Col [B25](5)
053 auricula Col [B27](5)
054 auricula [B28](8)
055 auricula [B29](5)
056 auricula [B51](10)
057 auricula [B81](10)
058 auricula [B6](5)
059 auricula [B8](10)
060 auricula [D30](5)
061 auricula [U](15)
062 auricula [U](15)
063 auricula (ssp ciliata) Col [U](5)
064 auricula Col [B27](6)
065 auricula Col Obersteriemark, Austria [D17](7)
066 auricula Col Treubsee, Obwalden, Switz. [B2](5)
067 auricula Col West Tatras 8/11/89 [D46](6)
068 auricula ssp baunhini [D27](5)
069 clusiana [B13](10)
070 clusiana [B8](10)
071 clusiana Col 1700-2000M Kaernten Raxalpe, Austria [D17](5)
072 daonensis [U](5)
073 daonensis Col 2500M Alpes Rhetiques, Switz. [B18](5)
074 deorum Col 2000M Rila Mts, Bulgaria 1988[D24](10)
075 glaucescens [B22](5)
076 glaucescens (var calycinia) [D15](6)
077 glaucescens Col 1988[B27](5)
078 glutinosa [B8](15)
079 glutinosa Col 2500M Dolomites, Italy [B18](15)
080 glutinosa Col Kärnten, Austria [D17](6)
081 hirsuta [D27](6)
082 hirsuta Col [U](8)
083 hirsuta Col 800M Valais, Switz. [B18](8)
084 hirsuta Col Tyrol, Austria [D17](5)
*085 hirsuta or latifolia (viscosa) [U](6)
086 integrifolia Col [U](8)
087 integrifolia Col 2300M Alpes Rhetiques, Switz. [B18](10)
088 latifolia [B18](5)
*089 latifolia [B18](8)
*090 latifolia [D17](5)
091 latifolia Col [U](8)
092 latifolia Col 2300M Alpes Rhetiques, Switz. [B18](10)
093 marginata [B18](5)
094 marginata 'Agee' x 'Lou Roberts' H1989[D48](5)
095 minima [B8](5)
096 minima Col Kärnten, Austria [D17](5)
097 palinuri [B34](6)
098 palinuri [U](10)
099 pedemontana Col [U](15)
100 pedemontana Col 1800M Alpes Grees, Italy [B18](15)
101 pubescens [B13](15)
*102 spectabilis [B22](7)
*103 spectabilis [U](7)
104 spectabilis Col [U](5)
105 villosa [U](5)
106 x pubescens [B10](15)
107 x pubescens [B14](10)
108 x pubescens [B15](15)
109 x pubescens [D17](10)
*110 x pubescens [D30](5)
111 x thomasi ana (hirsuta x integrifolia) [B97][B2](8)

SECTION CAPITATAE
112 capitata [B17](15)
113 capitata ssp capitata [B5](15)
114 capitata ssp mooreana [B11](30)
115 capitata ssp mooreana 1989[D11](25)
116 capitata 1989[D46](15)

SECTION CORDIFOLIAE
*117 barnardoana Col N.E. Nepal 1989[D35](5)
118 roxburghii (rotundifolia) 1989[D40](6)

SECTION CORTUSOIDES
119 cortusoides [B9](8)
120 cortusoides [D16](6)
121 geranifolia Col N.E. Nepal 1989[D35](5)
122 heucherifolia 1989[B3](10)
123 kisoana 'Alba' [D13](6)
124 kisoana 'Alba' [D21](7)
*125 kisoana 'Pink' [D21](5)
126 kisoana [D13](5)
127 loeseneri 1987[B2](10)
128 mollis 1987[U](15)
129 polyneura [B7](10)
130 polyneura [B5](15)
*131 polyneura [U](15)
132 polyneura 'Albiflora' [B6](10)
133 polyneura [C2](10)
134 saxatilis [B22](10)
*135 saxatilis [B25](10)
*136 saxatilis 1989[D1](6)
137 saxatilis S[D15](10)
138 saxatilis [D21](10)
139 saxatilis [U](15)
*140 saxatilis 'Pink' [D11](15)
141 sieboldii [U](15)
142 sieboldii (patens) [D17](5)
*143 sieboldii ‘Japanese and English Cultivars Mixed’ [D17](8)
144 sieboldii ‘Large Flowered Kinds Mixed’ [C1](8)
145 sieboldii ‘Mixed’ [D18](8)
146 sieboldii ‘Mixed Colors’ H1989[D1](10)
147 sieboldii ‘Pink’ & ‘White’ [D7](10)

SECTION CRYSTALLOPHLOMIS
148 chionantha H1989[D34](10)
149 chionantha 1987[U](10)
*149 chionantha [D35](5)
150 macrophylla 1989[D49](10)
151 macrophylla [B11](10)
152 megalocarpa Col N.E. Nepal 1989[D35](5)
153 nivalis [B12](5)
154 sinopurpurea [B11](10)
*155 sinopurpurea [D30](5)
156 sinopurpurea 1989[D40](10)
157 sinopurpurea 1987[U](15)
158 sinopurpurea 1988[U](20)
159 tschuktchorum Col Chukotski Pen., near Providenia, USSR 017(15)

SECTION CUNEIFOLIA
160 suffrutescens [C3](10)

SECTION DENTICULATA
161 denticulata [B10](25)
162 denticulata [B11](25)
163 denticulata [B17](25)
164 denticulata [B18](25)
165 denticulata [B20](25)
166 denticulata [B23](25)
167 denticulata [B24](25)
168 denticulata [B24](25)
169 denticulata [B25](25)
170 denticulata [B27](25)
171 denticulata [B30](25)
172 denticulata [B6](10)
*173 denticulata [B8](15)
174 denticulata [C2](25)
175 denticulata [D17](20)
176 denticulata [D30](20)
177 denticulata 1989[D46](25)
178 denticulata (var cachemiriana) [B9](25)
179 denticulata (var cachemiriana) [B20](25)
180 denticulata (var cachemiriana) [C2](25)
181 denticulata ‘Alba’ [B28](15)
182 denticulata ‘Alba’ 1989[D46](15)
183 denticulata ‘Albiflora’ [B6](10)
184 denticulata ‘Grandiflora’ [B9](15)
185 denticulata ‘Mixed Colors’ 1989[D1](15)
186 denticulata ‘Mixed Colors’ [U](15)
187 denticulata ‘Rubin’ [C1](15)
188 denticulata ‘Rubra’ [D21](10)
189 denticulata var alba [B18](10)
*190 denticulata var atrovioalcea [B6](10)
191 denticulata ‘White’ H[D11](10)

SECTION JULIA
*192 juliae [C1](5)

SECTION MINUTISSIMAE
*193 primulina Col N.E. Nepal 1989[D35](5)

SECTION MONOCARPICA
194 malacoides ‘Fl Paradiso Mixed Colors’ H1989[D12](10)
195 malacoides ‘Linkejiman Latvijai’ [B6](10)
196 malacoides ‘Pasaka’ [B6](15)
197 malacoides ‘White’ [B6](15)
SECTION MUSCARIOIDES
201 bellidifolia 1989(15)
202 cernua and/or muscarioides Col 11,500ft Himalayas 10/4/88[10]
203 concholoba[D10](15)
204 concholoba[D36](10)
205 concholoba 1989ID4QK10J
206 muscarioides [6261(7)
207 vialii [8251(50)
208 vialii [6251(50)
209 vialii [8271(20)
210 vialii [651(50)
211 vialii [681(50)
212 vialii 1988[0111(50)
213 vialii [0172(25)
214 vialii [0191(50)
215 vialii 1989[D40](50)
216 vialii [UK50)

SECTION OBCONICOLISTERI
219 obconica 1987[B35](15)
220 obconica 1987[D8](15)

SECTION OREOPHLOMIS
221 luteola 1988[B36](6)
222 rosea [B10](15)
223 rosea [B11](15)
224 rosea [B6](15)
225 rosea [B7](10)
226 rosea [B8](15)
227 rosea [D17](15)
228 rosea O1989[D46](15)
229 rosea [U](15)
230 rosea 'Gigas' [B9](15)
231 rosea var grandiflora [C2](15)

SECTION PARRYI
232 angustifolia [C3](5)
233 parryi [C3](10)
234 parryi 1988[D17](10)
235 parryi [D17](10)
236 parryi 1988[D20](10)
237 parryi ‘Large Form’ Col Nevada 1989[D11](10)
*238 rusbyi [C3](5)
239 rusbyi [U](5)

SECTION PETIOLARIS
240 calderiana [B28](5)
*241 calderiana (strumosa) [D17](5)
**242 tanneri[D17](5)
243 songhiofia 1989[D40](5)
244 songhiofia 'Chinese form' 1989[D40](5)

SECTION PRIMULA
245 elatior [B13](15)
246 elatior [B15](15)
247 elatior [B17](15)
248 elatior [B20](15)
249 elatior [B32](15)
250 elatior [B6](15)
251 elatior [D46](10)
252 elatior [U](15)
253 elatior (carpatica) [D17](10)
254 elatior (Devon oxlip) [D14](10)
255 elatior (P. oxlip) 1989[D40](10)
256 elatior (poloninensis) [D17](10)
257 elatior (ssp carpatica) [B28](15)
258 elatior (var Tatrica) [B15](15)
259 elatior (var Tatrica) [D17](10)
260 elatior (var Tatrica) Col Nizkitrati 1500M [D17](10)
261 elatior Col 1988[B27](10)
262 elatior Col Mseno 7/14/89[D46](10)
263 elatior Col Mt Velka Fatra 8/10/89 Blatnice [D46](10)
264 elatior Col Mt Velka Fatra 8/12/89 Nepal Valley [D46](10)
265 elatior ssp elatior [U](15)
266 elatior ssp meyeri (amaena) D1251(10)
268 elatior ssp meyeri (amoena) [B15](10)
269 elatior ssp pallasi [B15](20)
270 elatior ssp pallasi [B19](10)
271 elatior ssp pallasi [B6](10)
272 elatior ssp pallasi [D17](10)
273 elatior ssp pallasi [U](10)
274 elatior (ssp. carpatica) Col Velka Fatra 9/15/89 [D46](10)
275 elatior hybrids 'Grandiflora' [B6](8)
276 veris [B15](10)
277 veris [B17](10)
278 veris [B20](10)
279 veris [B22](10)
280 veris [B23](10)
281 veris 1988[B27](10)
282 veris [B29](10)
283 veris [B32](10)
284 veris [B6](10)
285 veris [D18](10)
286 veris [D2](15)
287 veris [D20](10)
288 veris [D30](10)
289 veris [D41](25)
290 veris [U](10)
291 veris [U](10)
292 veris [U](10)
293 veris Col Arnside, NW England [D36](10)

SECTION PROLIFERAE
318 anisodora O[D26](15)
*319 anisodora O[D28](6)

*198 x malacoides [B6](6)
199 x malacoides 'Jadvyga' [B6](10)
200 x malacoides 'Lietuevaite' [B6](10)
320 anisodonora [U](15)
321 aurantiaca [B17](10)
322 aurantiaca [B25](10)
323 aurantiaca [B27](5)
324 aurantiaca 1989[D46](10)
325 beesiana [B20](15)
326 beesiana [B22](10)
327 beesiana [B24](10)
328 beesiana [B24](10)
329 beesiana [B6](6)
330 beesiana [B71](10)
331 beesiana 1989[D42](15)
332 beesiana 1988[U](10)
333 beesiana [B6](6)
334 beesiana 'Haedalykill'
335 beesiana 'Harlow Carr'
336 beesiana [B7](10)
337 beesiana [B7](10)
338 beesiana [B7](10)
339 beesiana [B7](10)
340 beesiana [B7](10)
341 beesiana 1989[D42](15)
342 beesiana 1988[U](15)
343 beesiana 'Sichuan 10/9/88'
344 beesiana 'Sigunian Alps, Western Sichuan 10/9/88'
345 beesiana 'Orange'
346 beesiana 'Harlow Carr'
347 beesiana 'Harlow Carr'
348 beesiana 'Hybrids'
349 beesiana 'Coral Pink'
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CONTRIBUTORS TO THIS SEED EXCHANGE 1990

Members of the APS Seed Exchange Committee wish to extend a very special “THANK YOU!” to those who have contributed to this year’s listing. The enormous amount of time and energy it takes to grow the plants, hand pollinate, collect and clean the seed, and package the seed for mailing is very humbly appreciated by all members of the American Primrose Society, since THIS SEED EXCHANGE WOULD NOT EXIST WITHOUT THE CONTRIBUTIONS OF THE FOLLOWING INDIVIDUALS AND ORGANIZATIONS.

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American Primrose Society
Memo to Seed Donors: Closing date to receive Primula seed for the 1990 seed exchange is December 1, 1990.

Please send your Primula seed donations to the Director on or before that date to facilitate processing (the earlier the better).
APS has a new treasurer!

Please pay your dues too:

OOPS! WRONG ADDRESS
Our Treasurer submitted an incorrect address for inclusion in the 1990 Dues Reminder that appeared in the Fall issue of the QUARTERLY. The address of the Treasurer is:

6620 N.W. 27th Ave.,
Hillsboro, Oregon, 97124.

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Will this be the last issue of the QUARTERLY that you will receive? It is, if your mailing label has an '89 shown after your name. An exception to this would be for renewals received after December 23rd, 1989.

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Thea Service Foster
Editor - APS
779 E. 21st Street
North Vancouver,
B.C. Canada. V7J IN7
(604) 986-9589

Don Keefe
Editor's Committee
22604 N.E. 20th Pl.,
Redmond, WA. 98053
(206) 868-5150

Rosetta Jones
APS Board Member
E. I70 Dunoon Pl.,
Shelton, WA. 98584
(206) 426-7913

P. auricula Hybrid Double form. see Seed List.