

Primroses

THE QUARTERLY OF THE AMERICAN PRIMROSE SOCIETY

AUTUMN 2010 VOL. 68

No. 4





Primroses

The Quarterly of the American Primrose Society

Volume 68 No 4

Autumn 2010

The purpose of this Society is to bring the people interested in *Primula* together in an organization to increase the general knowledge of and interest in the collecting, growing, breeding, showing and using in the landscape and garden of the genus *Primula* in all its forms and to serve as a clearing house for collecting and disseminating information about *Primula*.

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Front Cover: Barrie Porteous' winning entry in the APS Photo Contest in the 'Grown from APS Seed' category - P. cockburniana

Back Cover: Photo Contest Honorable Mention goes to Riho Terras for her *P. kisoana* grown from APS seed in her garden in Estornia

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Primroses

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Editorial Deadlines

Winter issue - October 15 Spring issue - January 15 Summer issue - April 15 Autumn issue - July 15

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Membership in the Society includes a subscription to *Primroses*, seed exchange privileges, password to the member's only section of the APS web site (including the Pictorial Dictionary) and use of the slide library.

membership, domestic and Canada are: \$25 per calendar year \$70 for three years Overseas rates are: \$32 per calendar year \$90 for three years. Membership renewals are due November 15 and are delinquent January 1.

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Submit payment to the treasurer.

Advertising rates per issue: Black and White:
Full page: \$100
Half page: \$60
1/4 page: \$30
1/8 page: \$15

Half page: \$150 Full page: \$300 Back Cover: \$450

Color:

Contact the treasurer for details

President's Message

ALAN LAWRENCE

Fall is rapidly approaching here in the Upper Midwest; it's not yet October but the maples are already turning red and the Northwoods are starting to put on their grand fall display. A few *Primulas* give us a flower or two; I have a couple of *P. cortusoides* reblooming, but it's really seed time. Hopefully many of you will have collected, cleaned and dried seed from your best and favorite plants to send to the seed exchange coordinators. Full details of this procedure are on the website.

On a different note, I am having issues with my potting mix. For the last year or so I have used moisture controlled mix as the base. My plants do not seem to like it and many seedlings have failed to thrive. At the Annual Show this year John Richards informed us that his mix is now based on his own leaf mold which he composts for 3 years or so. As I have just found a large pile of 4-year old mixed hardwood leaves, I'm going to give this a try. If anyone has a non-peatmoss based formula for a *Primula* mix, let me know. This kind of information, tested by our members, is invaluable and should be shared.

Like many similar organizations, the American Primrose Society is having some long-term financial issues. The membership dues do not cover the costs of the quarterly and other income sources are eroding in the current economic environment. The Board is vigorously pursuing ways to reduce expenses to avoid having to increase dues and to maintain the reserves at a healthy level and to maintain the quality and frequency of the quarterly. If all this does not reduce the projected 2011 budget deficit, it may be regrettably necessary to propose a dues increase, although this must be seen as a last resort.

Editor's note:

Since we are a society run almost entirely by volunteers, nearly all of our costs are involved in the printing and publishing of the *Primroses* journal. Much successful work has been done by your editor and treasurer in cutting these costs in the last few years. Now our president is working on a way to significantly reduce these costs once again. However, the benefits of this approach may not be felt for several months. We know our members look forward to the eight color pages in the centre of this quarterly, but these are the most expensive part of the production, presently costing the society nearly \$400.00 per issue. If you would like to help keep the color pages we all enjoy so much in the quarterly, please consider contributing even a bit to the cost of these pages for the next one or two issues. Just contact our treasurer, whose contact details you will find on the contents page. Thank you.

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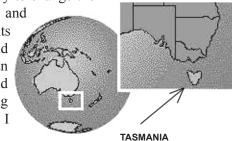
PRIMULAS IN TASMANIA

SUE WALLBANK

My interest in primulas and more especially, auriculas, began 20 or so years ago. We had a local specialist nursery, sadly now closed, which supplied all sorts of little treasures. Interest in the source and care of my purchases led me to membership in the RHS, AGS, SRGC and NARGS, and later to more specialised groups such as NAPS and the RHS Lily Group. One of the English nurseries told me about the American Primrose Society, so membership on your group has provided further helpful cultivation advice and inspiration.

If ever one was to attempt growing members of the Primulaceae family in Australia, then the southernmost part of the country – Tasmania – would be one of the few hospitable regions. I live just outside the capital, Hobart, on 60 acres of dry sclerophyll remnant native bush. The land is also the home of many indigenous animals that are only too happy to change their

diet from Eucalypt and Erica to Lilium and *Primula*, therefore the majority of my plants are grown out of their reach in shade and modified alpine houses. The Cowichan group don't seem attractive to animals and survive our hot, dry summers as resting buds, so do quite well in the open garden. I also have a number of auriculas in tubs.



While my main focus is the auricula, I do collect many of the species *Primulas*. Mostly these have come via the specialist group seed exchanges or commercial seed suppliers and are sometimes not correctly named. This is always disappointing after the difficulties of importing seed and the long wait for maturity and flowering. The Australian quarantine system is rigorous. and Tasmania has added further restrictions of its own in an effort to preserve our "clean green" image.

I also import auricula plants to add to my collection and in the hope that they will increase and I will have some extras to offer through my mail order business, Pen-Lan Plants. There are few other suppliers of auriculas in Australia and, as far as I know, no one else importing new named stock.

Importing live plants is fraught with difficulty and expense. If the plants are sent via mail they are often held up so long in Sydney, they rot before reaching Hobart. The more reliable way is to make the journey myself and bring plants back as carry-on luggage. They will be inspected in Melbourne and usually allowed through with

me to Hobart. Here they are taken away and fumigated with methyl bromide for 2 hours and then they wait in the bureaucratic jungle before going to the quarantine station and being potted up. It is a minimum of 3 months before they are released and at every step of this import process charges are incurred.

When the survivors of this gruelling process are repotted at home, they generally do very well. Our cool winters are to their liking and their main problems are root aphids and high summer temperatures. Many of the species *Primulas* such as *P. florindae*, *P. halleri*, *P. burmanica* and *P. frondosa* do quite well if I am prepared for sudden temperature and rainfall changes and move the plants accordingly. As our winters are comparatively mild, many of the auriculas will throw occasional flowers and thus provide a cheery sight in an otherwise brown landscape.

If any APS members are planning a visit to this part of the world, we would be happy to see you, or to correspond. Contact details are available through the website www.auricula.net.au

Pop's Plants has many green-edged auriculas available for shipment overseas!



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Breeding Green- and Grey-Edged Auriculas: A Beginner's Tale Part Four – A Body of Evidence

DR. DAVID MELLOR

"Science is what you know. Philosophy is what you don't know."

Bertrand Russell

We have arrived at the nail-biting, concluding part. Somebody, somewhere has been breeding T2 green-edges which arise only as the result of mixed green-edge x grey-edge crosses – not approved of under the breed "like-with-like" rule. But, who dunnit? And – does it matter? If so, why?

Well, to recap on the plot (or the theory) so far, the only difference between a green-edge and a grey-edge is that the grey-edge carries a pair of recessive genes for meal (termed **mm**). This recessive gene pairing is called T3 (short for Type 3), or grey-edge. Each gene in the pair is inherited from each parent of the T3. But there are two other possibilities for inheriting meal genes – a recessive gene (**m** for meal) coupled with a dominant gene (**M** for the absence of meal) is one possibility. This is designated **Mm** and is a T2 green-edge in which the recessive meal gene (**m**) is overpowered by the other gene (**M**) which is dominant for the absence of meal. That's the reason T2s are green-edged, not grey-edged. The third and final possibility is a matched pair of dominant genes, as **MM**, for the absence of meal and is a "thoroughbred" T1 green-edge. So, there are two genetically distinct types of green- edge – one carrying no recessive meal gene (this is T1) and one carrying the recessive meal gene (T2).

The curious thing is that, in theory, there should be no T2 green-edges left in cultivation because crossing green-edges with green-edges (the "like-with-like" rule) results in a gradual loss of T2 green-edges in cultivation. This extinction happens over time even if the breeders do not know, or care, whether the green-edged varieties in each cross are T1 or T2 genetically.

So, if every breeder for the last 200 years had bred "like-with-like," we can be confident (in theory at least) that T2 green-edges would be extinct, as explained in Part Three of this series. But they are not extinct. Almost, but not quite. And what is so amazing is that not only have these few surviving T2 green-edges been bred by just one or two renegade breeders who ignored the "like-with-like" rule,

but that their progeny account for a disproportionately large number of top-notch, modern show quality green-edges. So, T2s are really very important, because they make first-rate breeding parents from which excellent new green-edges can continue to be bred.

Like every good detective story, there is an additional twist in the plot. This is that, because T2 green-edges carry the recessive gene for meal, they should theoretically make genetically excellent parents to cross with T3 grey-edges to make new breaks of grey-edged shows. The idea is to utilize the one recessive m gene from the T2 green parent and combine it in the progeny with one of the two mm recessive genes from the T3 grey parent. The result may be another T2 green, or – hopefully – a new T3 grey-edge. This is a way of widening the grey-edge gene pool by mixing it with other green-edged genes. To the best of my knowledge, this is one breeding strategy for grey-edges that has yet to be explored systematically. Every good detective story has to have a body – ours is a body of evidence! This is the data against which the recessive gene theory and its predictions can be tested. It is a UK publication by Les Allen called the "Classified List of Auricula Cultivars." Now in its tenth edition, it contains information on 3,832 named varieties of auricula. Some of this information – not much, but enough – includes the parentage of varieties, where known. This can give us the lineage of many of our modern edged varieties.

Some raw statistics to start with. Of the 3,832 varieties identified in the Classified List, 531 (or 13.9%) are edges. Of these, 312 are grey-edges and 219 are greenedges. But, the overwhelming majority of these 531 edges are either extinct, or so obscure as to be unobtainable. It turns out that there are only 55 edges for which we have records for at least one parent (seed parent) named. This does not sound like a very large proportion of the 531 edges we know about, but in fact, the 55 includes virtually all the modern "greats" grown and shown today. It may be only 55, but it's the best 55!

Of the 55 edges with some recorded lineage, the split is roughly 50-50:

Green-edges: 29 varieties of known lineage Grey-edges: 26 varieties of known lineage

Using this lineage data, what we want to consider is how successful (or otherwise) each variety has been in producing prize-winning progeny. This is common practice in horse racing circles, but not really done much in auricula breeding. All we need to do is, for each variety, count the number of named show varieties descended from it (as children, grandchildren or great grandchildren). The results for the green-edges are as follows:

PARENT	No.	OFFSPRING VARIETIES
Fleminghouse	17	Prague, Tamino, Figaro, GE Chadwick, Carl Andrew, Lincoln Green, Zoe, Zodiac, Dr Duthie, Jupiter, Haffner, The Mekon, Paris, Grey Tarquin, Waterwillow, Peewit, Jack Wood
Chloe	12	Prague, Tamino, Figaro, GE Chadwick, Carl Andrew, Lincoln Green, Zoe, Zodiac, Dr Duthie, Julia, Bob Lancashire, The Wrekin
Roberto	6	Sappho, Peewit, Prosperine, Waterwillow, Perdita, Psyche
James Stockhill	4	Orb, Nappa Tandy, Moselle, Gruener Veltliner
Geldersome Green	3	Julia, Bob Lancashire, The Wrekin
Hew Dalrymple	3	Moselle, Gruener Veltliner, Scipio
Bistern	3	Orb, Moselle, Gruener Veltliner
Superb	2	Perdita, Psyche

To consider just how influential T2 (recessive gene carrying greens) have been in breeding the current crop of modern green-edged show auriculas, we first have to positively identify them.

The easiest is 'Roberto,' which is in the Classified List as the progeny of 'John' x 'Teem,' the latter being a well-known grey-edge. Thus 'Roberto' is, by definition, a T2 green-edge, recessive gene carrier (**Mm**), bred by Dr. Robert Newton in 1965. The next is 'Fleminghouse' bred in 1967, also by Dr. Robert Newton, who gave the seed to Jack Stant to raise. We can be certain that 'Fleminghouse' is also T2 because one of its progeny is 'Grey Tarquin' – a grey-edge T3 carrying a pair of recessive meal genes (**mm**), one inherited from each parent. Therefore 'Fleminghouse' also carries the recessive gene (**m**), but in combination with the dominant gene for meal absence (**M**), otherwise it would not be green-edged!

So now we can re-visit the evidence in the above table and ask a slightly different question – "how many green-edged shows have a T2 as a parent?" The answer is **20** of the **29**, for which we have recorded lineage data. Or 69%, if you prefer. For the record, they are:

Prague, Tamino, Figaro, GE Chadwick, Carl Andrew, Lincoln Green, Zoe, Zodiac, Dr. Duthie, Jupiter, Haffner, The Mekon, Paris, Waterwillow, Peewit, Jack Wood, Sappho, Prosperine, Perdito and Psyche.

I know from speaking to other breeders just how surprising (shocking, even) this finding is. The reason it comes as a shock is that crossing green-edges with grey-

edges is regarded as a taboo – it just isn't done. The reason is that the T2 offspring generally also carry a smattering of meal around the pip edge (called "China Edge") and across the pip face. These are rightly regarded as undesirable features in an edged show variety. Yet, it should be crystal clear now that, without having T2 greens as breeding parents (primarily 'Fleminghouse' and 'Roberto,' although there are others), we would today not have 69% of our best, prize-winning greenedged shows!

It is to the far-sighted judgment of Dr. Robert Newton that we owe most of our modern green-edges. He deliberately ignored the "like-with-like" rule, believing that he got better green-edges as a result. What he could not have known is just how good his "renegade" green-edges would be as parents of future generations. I believe the time is right to elevate our appreciation of Dr. Newton's fine contribution. Can you tell if a green-edge is T1 or T2 just by visual examination? A pretty good tell-tale indicator is the combination of "China Edge," meal (farina) smattered across the pip and meal along the inner edge of the petal above the body color. These three features are genetically linked with, not caused by, the recessive meal gene **m** carried by T2 greens. If a green-edged variety has all three features, it's probably a T2. If, when crossed with a grey- edge it can produce a grey-edged progeny, it's definitely a T2, this being the acid test. Some suspected T2 green-edges grown in North America would include 'Serenity,' 'Beechen Green' and 'Green Jacket.'

Seed Exchange 2010

Please send seed by Oct. 31, 2010

Remember to check on-line for seed exchange list and order form.

If you want a copy of the seed list mailed to you in January, send your request to Judith Sellers at: 2297 Co Hwy 18, South New Berlin NY 13843

A final word about grey-edges. The greatest ancestral grev-edge is 'Teem,' with eleven recorded progeny, including the fabulous 'Gavin Ward,' 'Warwick' and 'Margaret Martin.' So far it seems that few breeders have tried introducing green-edged genes into the grey-edged gene pool – perhaps out of reluctance to break the "like-with-like" rule. If so, they may be missing a trick. The theory predicts that crossing T2 greens with T3 greys might produce some great, new grey-edges especially 'Fleminghouse' x 'Teem.' Well, what are you waiting for?

The Elusive *Dionysia*

BY JOAN HOEFFEL

It seems inevitable that an interest in the genus *Primula* would eventually spark a curiosity about other genera included in the Primulaceae family. In the American Primrose Society Seed Exchange, there is the category "Various Primulaceae," and in the past, I have been enticed to try growing *Androsace, Cyclamen, Dodecatheon* and *Soldanella* species from seed. That has been a rewarding experience and has added many lovely plants to my woodland and rock gardens. Now, I have been asked to write about the genus *Dionysia*, another member of the Primulaceae family entirely new to me.

As luck would have it, the Summer 2010 Rock Garden Quarterly (Bulletin of the North American Rock Garden Society, Vol. 68, No.3) contains a section on *Dionysia* in an article entitled,"Ups and Downs with Alpines in the Lowlands," by Ger van den Beuken, an alpine enthusiast from Holland. The article is accompanied by exquisite photographs of various species of *Dionysia*. With my curiosity thoroughly piqued, I did a bit of research to learn more about this *Primula* relative.

For gardeners, the most sought-after species of *Dionysia* are those that are cushion-forming such as *D. aretioides*, *D. involucrata* and *D. tapetoides*. Propagation is usually by tiny shoot cuttings taken in the spring. Plants can be grown in sun or part shade in a very well-drained medium with ample lime and must be protected from winter wetness. The early spring flowers are mostly yellow, white or shades of pink and completely cover the tight foliage of the small cushions. These are truly beautiful plants! Why is it that they are so little known in North America and no seed appears in the APS Seed Exchange?

The answer can be found in the following "Editor's note" written by Jane McGary that appears at the end of the article in the Rock Garden Quarterly article.

"The prominence of the genus *Dionysia* in this article and its accompanying photographs, as well as the show reports in the journal of England's Alpine Garden Society, are likely to make North American readers want to grow these plants. My only experience with them "in the leaf" has been growing *D. aretioides* available from a few specialist nurseries in the USA and Canada, and seeing a few other species or hybrids in the alpine houses of David Hale and Rick Lupp. Knowing that John Lonsdale, now gardening near Philadelphia, Pennsylvania, had been an enthusiast of Dionysias before moving from England, I asked him some questions about the genus as it might be considered in a North American context. Why had he decided

not to continue with it in his new home? Why are they so neglected by American gardeners, when one would think they could flourish in the Rocky Mountain States? Is it just that nobody can get them here? Is seed rarely available? Or are they essentially a "florist's" plant grown primarily for showing?"

Dr. Lonsdale answered: "Those are very good questions that you pose about Dionysias, and you've addressed most of the reasons why they are not grown here. Unlike things like *Primula marginata*, or even *P. allionii*, I can't think of many places in the USA that Dionysias would ever do well outside of a controlled environment like a greenhouse/alpine house – maybe overhangs in the canyons of Utah. They are ungrowable any place that has rain or humidity in the summer, and the other issue is availability. Cuttings won't travel here from the UK (I've tried), and seed would be the only route. There appears to be more hybrid seed around in Europe, but still only in the hands of relatively few people. They are difficult

National Show

The APS National Show 2011 is to be hosted once again by the New England Chapter.

Primula vendors, garden tours, banquet and expert's round table Q and A session, set in beautiful Tower Hill Botanical Garden, with tentative dates of April 30, May 1 and 2.

The feature speaker will be Chris Chadwell, well known in the rock and alpine gardening world as a Himalayan plant explorer. from seed unless you have a lot of experience, and when you have decent plants, they are still very easy to kill. Someone with time, money and dedication in the right part of the USA could probably get a collection going under glass, but it would be a long-term labor of love. They will never be plants for anything other than the extreme specialist and in Europe, are very much 'show plants' in pots or on the occasional tufa cliff in a high-tech alpine house."

While these words are, indeed, a mighty deterrent for anyone who might like to try growing Dionysias, we would be most anxious to hear from any of our readers who have had success, however minimal or transient, in the propagation of *Dionysia*. Please write or email us about your experience with *Dionysia* to:

editor@americanprimrosesociety.org

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WEBSITE REPORT

MICHAEL PLUMB

(Parts of this report were prepared for the APS board meeting held on August 1, 2010)

DESIGN PHILOSOPHY OF THE NEW APS WEBSITE

My intention during the building of this new website was to keep it as simple to navigate as possible. That is why there is only one menu, in only one location (on the left), a pale yellow background (known to be easier on the eyes), fairly large print, etc.

RECENT DEVELOPMENTS

Obviously, the best way to receive a report on the progress of the website is to visit it. If you have not visited the website in the last month, please have a look and explore all the areas. To log into the members-only areas, you will need to register if you haven't done this already.

The home page has been updated to show the cover and contents of the Summer Quarterly. Recent articles are:

Meanings of Primula Plant Names

Show Report for the 2010 National Show

Photos of the 2010 National Show (in the Photo Gallery)

Self-Fertile Primula; Potting Mixes (all under Propagation)

APS Judging Standards (These are old, and are in great need of updating)

APS meeting minutes

At the very bottom of the home page you can find out how many people have been visiting our website since the counter was installed on August 10th this year. The number averages around 300 visits per day.

CONTRIBUTIONS are needed for digital PHOTOGRAPHS to accompany the mention of many of the primulas. Please don't forget to add a caption. We would also greatly appreciate any photos of primulas whose seed you are donating to the Seed Exchange. We are also looking for ARTICLES, for example a monograph on your favorite primula. And if you have recently read a book on primulas, please send us your opinion for our Recommended Reading section.

MOST IMPORTANT NEED: ARTICLES for any areas where you see the website is lacking. Without your contributions, the website will never reach its potential. The webmaster and the website committee cannot build it alone. Please help!

MEMBERS ONLY AREAS and MEMBERS' FORUM

Please visit the website as often as you can and contribute something to the Forum. For one thing, it's fun. For another, you will be encouraging other members to participate and benefit.

I have started to post the minutes of our board meetings under Society Documents. You will also find Duties of Officers and Directors under this heading.

A big thank you to Michael Plumb and Rhondda Porter for all their work and support in revamping the website!

Through the Year with Barnhaven Primroses

LYNNE AND DAVID LAWSON

JULY

Harvesting is practically finished, although the gathering of candelabra seed goes on all summer and we are often waiting for the final seeds of *P. florindae* well into September.

Seed cleaning is well under way. After the precious paper bags have been drying for a while, we do a preliminary clean which entails a quick shake through a sieve and then the bags are hung up again to finish drying completely. Some seeds, the acaulis and particularly double acaulis, seem to take forever to dry as they are very sticky. As you'll see from the photo, no high tech seed cleaning apparatus here – our quantities are too small and the varieties too numerous to make proper seed cleaning machines worthwhile. So it's an assortment of colanders and sieves and we use a plastic seed packet and static to remove the final bits of chaff and rubbish. For really tiny seed such as *P. capitata*, we fix a magnifying glass to the table to try to distinguish seed from dust.

As soon as the seed is ripe from any crosses we have done this year, we will sow it immediately and although it's not the ideal time to do so, we normally get enough plants to continue the hybridization programme next spring, in that way saving a year. New varieties can take up to 5 years to fix, so it does speed up the process. Pricking out will have also begun -- there's rather a lot to do, as you can see.

AUGUST

An amazing amount of time is spent watering if the weather is hot, despite having semi-automated systems in part of the tunnels. There's a fair amount of after-spring cleaning to do, preparing for the next season. Pricking out continues, as does splitting plants and seed cleaning. We live in an area very popular with tourists and everyone seems to be on holiday except us! Sometimes it's too hot to work in the tunnels in the afternoons, so then it's an early start, some time off and a late finish.

SEPTEMBER

We often get stuck for days in the office in September as we prepare the new season's list for plants and seeds. Have we enough of the various varieties to offer them for sale? Something we can't know until the seeds are cleaned and in the fridge. A big bagful can sometimes have a really disappointing amount of seed. The website gets updated and new photos added. There's the newsletter to write, envelopes to fill.

September's often a lovely month and is the time for dragonflies and glorious sunsets. The tunnels have started to fill up again with fresh young plants for the new season and it's all looking very hopeful.



Barnhaven Primroses

Clockwise from top

Bench of 'Flamingo' polys waiting to be pollinated

'Muted Victorian' polyanthus

Seed раскет

Barnhaven "central" where the seeds are sorted and packaged.

All Photos: Lynne Lawson





















PRIMULAS IN TASMANIA

Pen Lan Nursery in Tasmania has many lovely plants including a good array of auricula. Check out her website at http://www.auricula.net.au/

Facing page, clockwise from top left:Stall at Plant Fair, Auriculas in summer on fhe floor of a nurseryhouse, 'Crimson Glow', Auricula house at Penlan

This page, clockwise from top: Selections of show self auriculas on a nursery bench, 'Fiddler's Green', 'Bisto', 'Frosty'All Photos: Sue Wallbank



presentation:

See article page 24

Richards'

Above: *P. calderiana*, one of the Petiolarid primula can be grown by a keen collector like Derek Lockey. Here is one seen in the wild, photographed by Pam Eveleigh in 2007.

Middle: Tiny *P. bella* grows for John in his garden; this one photographed by Pam Eveleigh.

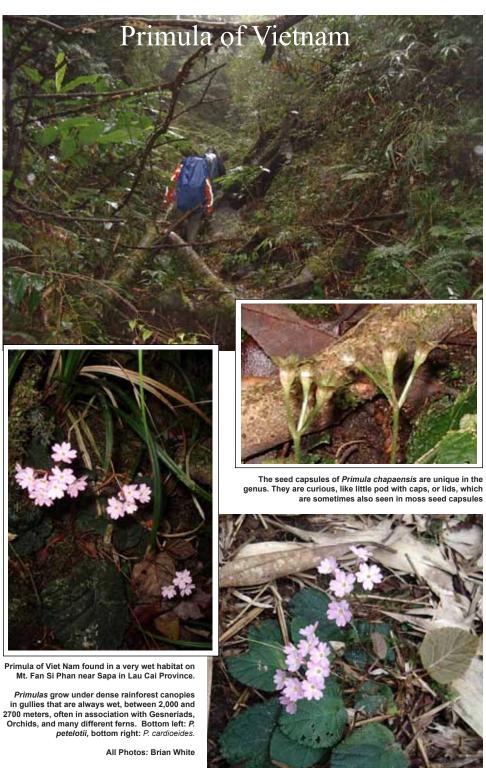
Right: *Primula petelotii* in John's garden shows this dainty primula from Viet Nam (picture in its natural habitat on page 20 by Brian White) can be grown in cultivation, though it is rarely seen.

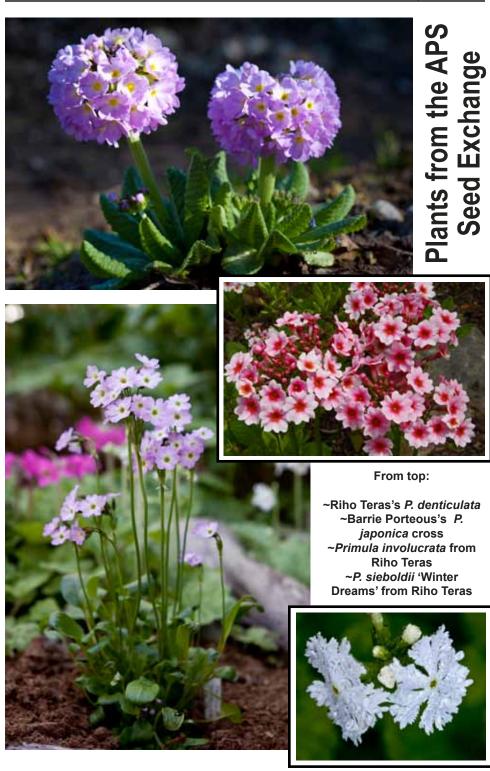




Top: For the garden or greenhouse: *Primula malvacea*, a recent introduction from the monsoon rain shadow area of western China, grows well in a rather dry spot outside, out of direct sun. With a cluster of bright rose pink flowers held well above crinkled foliage, it seems to like the same conditions as P. kisoana. Bottom: P. bracteata crosses have yielded a variety of color forms including purple, white and yellow. Those who have success with P. allionii might enjoy growing these under glass in a very gritty mix if they can limit the amount of sun they get in summer and do not water from overhead.









22

Primula of Vietnam, photographed by Brian White MAEDYTHE MARTIN

At a meeting of our local rock gardening group (VIRAGS) here in Victoria we had a speaker last winter who mentioned some primula that I had never heard about before! This caught my attention, and the speaker, Brian White, was kind enough to send me the photos. When I looked them up in John Richard's book Primula I find they are indeed unusual. Here is a bit about Brian and the Carolinella section of Primula.

Brian White is the Director of the School of Tourism and Hotel Management, within the Faculty of Tourism and Hotel Management at Royal Roads University. He earned his PhD in Human Geography from Simon Fraser University and focused his research in the development of ecotourism at Clayoquot Sound on the western shore of Vancouver Island.

He has developed tourism labor policies for the World Travel and Tourism Council where he was the senior human resource policy advisor from 1997 to 2001. White worked on tourism policy and educational development work in Vietnam, Bulgaria, China, Malaysia, Hong Kong, Saudi Arabia, Thailand, and Costa Rica. While setting these policies in place, he travelled widely to countries all over the world.

An avid outdoorsman, photographer, horticulturalist, and naturalist, he has led ocean kayaking, hiking, and mountaineering expeditions for over thirty-five years. Whenever possible Brian plans outdoor hiking trips in the countries he visits. In particular, while he was engaged in national park planning in northern Vietnam, he arranged plant exploration trips and photographed the flora and its setting in amazing mountain terrain. These pictures include some seldom seen *Primula* native to Vietnam

The Section Carolinella is one of the least well known, and the plants are not found in cultivation. We know them from pictures like Brian's brought back from trips to the regions of Vietnam where they are found growing. John Richards (*Primula*, Timber Press, 1993) tells us, "The Carolinellas are the most enigmatic of all primulas. Each of the nine species has been collected on only a single occasion.... None have ever been in cultivation, so most facets of their biology are unknown....

Superficially, the species resembles the Obconicolisteri from which they are best distinguished by the capsules, and narrow bell-shaped calyx. The capsules are unique in the genus.... It seems that the Carolinellas may represent an evolutionary link between Primula section Obconicolisteri on the one hand, and Bryocarpum, leading ultimately to Omphalogramma and Soldanella, on the other." (p. 139-140)

The seed capsules are curious, like little pods with caps, or lids, which are sometimes also seen in moss seed capsules. Brian was able to photograph *Primula chapaensis* in seed, along with *P. cardioeides* and *P. petelotii* in flower. These were from the Fan Si Phan area of Vietnam, and here's a chance for you to see these rare and curious *Primula*.

John Richards' Presentation at the National Show, 2010

SUMMARIZED BY JUDITH SELLERS.

Everyone who attended John Richards' presentation at the APS National Show in May was delighted with his slide show of Asiatic Primulas. We received comprehensible information about how Dr. Richards grows his petiolarids, enticing pictures and descriptions of some species we "might" be able to grow, (and a few which are apparently impossible for anyone to cultivate) and an opportunity to request expert advice about our own plants.

The presentation was entitled simply "Growing Petiolarid Primulas and Other Asiatics", and began with the basics.

Petiolarids and most Asiatic species hate dry air, bright sunshine, extremes of hot or cold temperatures, and being transplanted in summer or fall. Multi-crowned clones often succumb to rot and virus, requiring replacement with new seed grown plants. They love cool shade, humidity, and well-drained but moisture retentive soils.

Seeds should come from crosses between pins and thrums (which were illustrated with a perfect pair of *P. irregularis* plants) to promote vigor. Seed pods of petiolarids have a covering membrane which turns brown and starts to crumble when the seeds are ripe and ready to be gathered and put straight into the fridge until January, when they should be sown at 10C, or 50F. Seedlings from this early sowing should be large enough to survive the following winter's cold in the garden. After sowing, a grit topping is applied to protect the seed pots outdoors in all weathers. As soon as germination occurs, the pots should be brought into somewhat warmer bright conditions to grow on quickly. Seedlings should be pricked out as soon as one true leaf forms, placed in total shade, and receive regular feedings with dilute fertilizer. In late summer, they may be planted out and kept lightly, but daily, watered.

One bed which John has constructed for his petiolarids is a north-facing set of "steps" made of Swedish peat blocks. The area between the steps is filled with a planting mixture of 2 parts sieved leaf-mould, 1 part ericaceous compost, 1 part milled bark, and 1 part vermiculite. From October until March, this bed is covered with a firmly secured sheet of polycarbonate to keep wet from the crowns of the plants while allowing air and sunlight to reach the leaves. In the company of other choice petiolarids in this bed, *Primula moupinensis* rests through the winter surrounded by self-sown seedlings.

Another growing method involves the use of styrofoam fish boxes (suitably roughened and painted to avoid the dreaded "fishbox look"), with drainage holes in the bottom and a grit dressing on top. This is a good method for such species as

P. reidii, *P. flaccida*, and the more difficult nivalids such as *P. minor*. From nine to twelve young plants fit well in each box, which is protected with an upturned plastic crate and a similar piece of polycarbonate. John plucks plants directly from these boxes for exhibiting, and easily replaces them (into fresh growing mix) when the shows are over. In summer, the boxes are moved to deep shade under a deciduous tree.

For John in Hexham, England, the flowering starts in October, with the bright pink blossoms of *P. boothii* 'Annapurna Autumn' shining among fallen leaves. A Christmas present is sometimes the flowering of the delicate fringe-petaled *P. nana* in pink, blue or white. *P. moupinensis* often blooms in January, and those coveted plants, 'Arduaine' and *P. bhutanica* follow in March. In late winter, the hybrid 'Tantallon', a cross between *P. nana* and *P. bhutanica*, might flower.

Needless to say, Dr. Richards' photographs of all these flowering plants on the huge projection screen had us enthralled, and ready to move to the Himalayas (or at least to Edinburgh) in order to try to grow them ourselves. Writing notes interfered with my simple enjoyment of the presentation, so I sat back and wallowed in the pictures and narration.

He showed us the glorious Chinese *P. sonchifolia*, a new race of *P. irregularis* bred by his friend and neighbor, Derek Lockey in Northumberland, the larger petiolarid, *P. calderiana* in all its colors, and *P. tanneri*, which also can be found (if not grown) in red, purple, cream or blue. We saw pictures of the very rare *P. griffithii* from NW Bhutan, bulbous based *P. laeta* from Tibet, and little *P. minor* on the Beima Shan. Many other treasures of the mountains appeared on the screen, most requiring monsoon summers and several feet of snow in winter.

An exception is *P. boveana* which grows by springs in the Sinai. Seeds for this species have been available through the APS seed exchange, and we can successfully grow it on a windowsill or in a heated greenhouse.

I did have to take my eyes from the screen to jot down the names of a few species, some relatively new to western growers, which Dr. Richards suggested as possible for cultivation in New England. His list might have been abbreviated the next day, following his walk around the Tower Hill Botanic Garden in Massachusetts in temperatures above 90F on the second of May, but with "normal" weather, and good growing practices, he thought several species could do well.

The first is *P. malvacea*, a recent introduction from the monsoon rain shadow area of western China where it gets very little water. This species has grown well in a rather dry spot outside, out of direct sun. With a cluster of bright rose-pink flowers held well above crinkled foliage, it seems to like the same conditions as *P. kisoana*. We later learned that this is deciduous in winter, but should survive moderate heat and drought. This is one of the few plants good for both garden display and exhibiting. We all hope seed for *P. malvacea*, from pin X thrum crosses to prevent "inbreeding depression" will be available in the United States soon.

Another species which might do well enough for many of us if kept in a warm environment is *P. petelotii*, from Viet Nam. It has petite soft pink flowers with five heart-shaped petals and a small yellow eye. (*Editor's note: see the picture by Brian White of* P. petelotii *in this issue.*)

Recent crossings of *P. bracteata* have yielded a variety of color forms including purple, white and yellow. Those who have success with *P. allionii* might enjoy growing these under glass in a very gritty mix if they can limit the amount of sun they get in summer and do not water from overhead.

If grown in a peat mix, *P. fasciculata* could provide a popular plant for those who prefer miniatures. The "paper cutout" pink flowers with white-ringed yellow eyes overwhelm the miniature rosette of leaves when blooming.

One of the easier nivalid species which is not seen often enough in the USA is *P. chionantha*. Various color forms, including lavender and white, grow large enough to be happy among bulbs such as snowdrops in the garden. Other "easy" plants for many of us are less common forms in Section Primula. *Primula elatior meyeri* and the subspecies *P. pseudoelatior* originate in Asia.

There are many which can be flowered in an alpine house in England, and photographs both in cultivation and in the wild were included in the presentation for our enjoyment.

Of course, the most intriguing flowers are borne on the most ungrowable plants, but Dr. Richards showed photographs of many of them just to inspire our dreams. The Davidii are not hardy, and require very high humidity. The relatives of *P. agleniana*, with ballet dancer skirts in colors from pink or white to yellow, are breath-taking in their natural site, on a steep slope above a glacier. The "daffodil primula" *P. falcifolia*, in pale yellow, is another delicate and desirable Asiatic. In Section Crystallophlomis, *P. calliantha* and *P.boreiocalliantha*, *P. elizabethae* and *P. obliqua*, would merit traveling some distance to see in their native habitats.

And then there are the very difficult clustered bells of the various Soldanelloides, and the Amethystinas ---- we all sighed.

Apparently no one has been successful growing plants from the tenella/ tenuiloba complex, but I'm sure some are still trying to discover the secrets for success. Just before flying to Boston, John photographed his tiny *P. bella* in bloom. We hope it was still in flower when he returned home.

Just in case we became discouraged by the apparent difficulty of growing so many of the beautiful Asiatic primulas, Dr. Richards ended his slide show with a quick reminder about plants such as *P. rosea* and the many candelabra-form primulas in all their colors, which are not fussy growers, and often create wonderful displays in our gardens and on our show benches.

Pins + Thrums noteworthy bits

Pretty pictures, exotic primula

If you are able to look online at the Royal Horticultural website, then you are in for a treat. At the very bottom of the website page, under the section Publication, then Journals, look for The Plantsman. The June 2010 issue has an article *Discovering primulas of subsection* Agleniana by Pete Boardman, Ann Chambers, Pam Eveleigh and John Richards on exotic primula seen on trips to Asia. We are fortunate that article was chosen as one of the sample articles, for these authors are fine photographers and the pictures accompanying the article are wonderful. You can't miss the head photograph of *Primula agleniana* in its habitat – very striking pink bells, a fantastic picture.

APS Coffers Low Again

Once again we must make an appeal to anyone who enjoys the APS quarterly to help support the cost of the color pages with a little donation, if possible. The current year's budget will come in well over the amount allocated, and unfortunately the quarterly is the largest society expenditure. The color pages, at \$50 each page or \$400 for the 8 pages, are the most expensive item on the printing invoice. And yet it is the color cover and the color pages that everyone enjoys the most!

The chapters are being asked if they could cover the cost of the fall color pages, by donating \$100 each chapter, but beyond that there are no definite allocated funds. Every bit helps, so anything you can contribute would help. And you can specify a topic for that page if you care to donate the funds for even one page!

In Memory of Candy Strickland

Esther May "Candy" Strickland passed away peacefully on July 16, 2010. Candy was a people person who never knew a stranger. An active member of many garden clubs, but her passion was The American Primrose Society. In Cy Happy's 1993 tribute (*Primroses*, Summer, 1993, p.7) to Candy, he said she was the consumate volunteer for the APS. He notes that in 1983, Candy was asked to take minutes at a board meeting, and soon after asked to take over as Secretary for the Society. She also took on stuffing and mailing the Quarterly over the span of ten years. ---- Candy organized APS Shows near Puyallup, WA, which proved encouraging to novices, and were enjoyed by experienced enthusiasts. Candy is missed by many, many friends and family.

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 2010 Don and Lela Avery 637 Duhamel Rd Morrisville VT 05661
- 2010 Don and Leia Avery 637 Dunamei Rd Morrisville VT 05661 2010 Patrick Broderick 1274 Pond Rd Jeffersonville VT05454-5411
- 2010 Patrick Broderick 12/4 Pond Rd Jeffersonville VT05454-5411 2010 Michael Dodge 1943 Ridge Rd N Fairfield VT05455
- 2010 Marianne I. Kuchel 1815 Blood Brook Rd. Fairlee VT05045
- 2011
 Amy
 Olmsted
 421 Birch Rd
 Hubbardton
 VT05733

 2010
 Arlene Perkins
 580 Perkins Rd.
 Montpelier VT05602
- VIRGINIA

 LF Betty Addamiano 4222 Robertson Blvd. AlexandriaVA
 22309
- 2012 Jack Gellen & Sarah Carpenter 6515 Lily Dhu Lane Falls Church VA 22044

WASHINGTON

- 2010 Linda Bailey 240 S Silke Rd Colville WA 99114
- LF Gregory E. Becker P.O. Box 422 Entiat WA 98822-0422 2012 Thresa J. Benjamin 6232 E. Lux Sit Lane Anacortes WA
- 98221-8928 2010 April Boettger 244 Westside Highway Vader WA 98593
- 2010 April Boettger 244 Westside Highway Vader WA 98593 2010 Ruth Chaus P. O. Box 1712 Bellevue WA 98009-1712 LF Claire Cockcroft 1403 - 143rd Ave. NE Bellevue WA
- LF Claire Cockcroft 1403 143rd Ave. NE Bellevue WA 98007-3914
- 2010 Jeffri Coleman 2274 Orcas Road EastsoundWA 98245 2010 Vicki Demetre 12026 - 25th Ave NE Seattle WA 98125
- 2010 VICKI Demetre 12026 25th AVe NE Seattle WA 98125 2010 Frances Dugger 11709 Wallen Road E Tacoma WA 98446-2119
- 2012 Jeannette Dupey 200 Meadowmere Road Deer Park WA
- 2010 Dr. Roger Eichman 223 Griffiths Point Rd Nordland WA
- 2010 Julia Galloway 5615 East M St Tacoma WA 98404-2537
- 2010 Linda Garton 10540 Ashworth Ave. N. Seattle WA 98133
 2010 Greg GravesOld Goat Farm Garden & Nursery 20021 Orting-
- Kapowsin Hwy E Graham WA 98338 LF Cyrus Happy III 11617 Gravelly Lake Dr. S.W. Tacoma WA
- 2010 Kathy Hirdler 24797 Brotherhood Rd Mt Vernon WA 98274
- 2010 SandraHoltz2188 Tacoma Rd Puyallup WA 98371
- 2010 Donald Howe 36735 SE David Powell Rd Fall City WA 98024-9201
- 2010 Patricia Kelley 20324 S. Danvers Rd Lynnwood WA

- 2010 Theresa Laskiewicz 195 Cameron Creek Rd. Longview WA 98632
- 2011 Margaret Lundquist 2011 Castle Dr. Bothell WA 98021-9259
 2010 Richard C. Lupp28111 112th Ave. E. GrahamWA 98338
- 2010 Carole Lynd 27810 168th Ave. Ct. E. Orting WA 98360
- 2012 Ian MacGowan 4712 Smugglers Cove Rd. Freeland WA 98249
- 2010 Verna McCleery 4038 East G Street Tacoma WA 98404-1462
- LF Heather McKee-Donahe 732 S. Tyler Tacoma WA 98405 2010 Andy Navage The Bloedel Reserve 7571 NE Dolphin Dr
- Bainbridge Island WA 98110

 2010 Joen W. Parks 5148 81st Ave SE Olympia WA 98501
- 2010 Phyllis Petrovich P. O. Box 424 Forks WA 98331 LF Gizelle C. Rayner 241 E Agate Loop Rd Shelton WA 98584
- 2011 Mary Seitz22604 NE 20th PI Sammanish WA 98074
- 2010 Viola L. Sexton 10904 Peter Anderson Rd. Burlington WA 98233
- 2010 Nina Sinnott 23825 15th Ave SE, #419 Bothell WA 98021
- 2010 June Skidmore 2327 N 64th Seattle WA 98103
- LF Mrs. Frank L. Springer7213 South 15th Tacoma WA 98465
- 2010 Elizabeth Ann Stuart P.O. Box 638 Fall City WA 98024 LF Mrs. L. G. Tait 9617 - 212th St. SE Snohomish WA 98296
- 2010 Norman Wyatt 35507 S. Oak St. Kennewick WA 99337-6410
- GS The Rhododendron Species Foundation & Botanical Garden P.O. Box 3798 Federal Way WA 98063-3798
- 2010 Elisabeth C. Miller Library Box 354115 Seattle WA 98195-4115
- 2010 Tacoma Primrose Society % Roger Eichman 223 Griffiths Point Rd Nordland WA 98358

WEST VIRGINIA

2010 Barry GlickSunshine Farm and GardensHC 67, Box 539B Renick WV 24966

WISCONSIN

- 2011 Kathryn Allen 1223 Wellesley Rd Madison WI 53705 2011 Ruth Cadoret 4308 Hillcrest Circle Madison WI 53705-5017
- 2010 Richard A. Dodd 719 Dearholt Rd. Madison WI 53711-1146
- 2010 Edward Glover 503 Johns St. Mount Horeb WI 53572-1827
- 2010 Kathy Korinek 1227 Dahlia Lane Grafton WI 53024 2010 Alan J. Lawrence P.O. Box 37 Lake Delton WI 53940
- 2010 Jennifer Sharp 160 Old Darlington Road Mineral Point WI 53565
- 2010 Mary R. Stanley 1220 W Estates Dr #124N Mequon WI 53092
- 2010 Olive S. Thomson 9349 Malone Rd. Mt. Horeb WI 53572-2726
- GS President's Set % Alan Lawrence P.O. Box 37 Lake DeltonWI 53940

MEMBERSHIP - CANADA

AI BERTA

 2012
 Kevin Baker 11243 - 105th St
 Edmonton AB
 T5G 2M4

 2010
 Calgary Rock & Alp Gar Soc
 c/o Mrs E Keddie
 1519

 Cavanaugh Pl NW Calgary
 AB
 T2L 0M8

BRITISH COLUMBIA

- 2010 Mrs. Ruby Chong 6870 Union St. Burnaby BC V5B 1X5 LF Jo-AnnCrossman627 Matson Rd Terrace BC V8G 0E7
- 2010 Robert B. Gordon 3896 W. King Edward Ave. Vancouver BC V6S 1N1
- 2010 Jean Hausermann 20265 82nd Ave. Langley BC V2Y 2A9 LF Mrs. Hanna Hogarth 315 Kalum Lake Rd Terrace BC V8G 0B9
- 2010 Mrs. M. J.Martin 951 Joan Crescent Victoria BC V8S 3L3 2010 Tom Moore 2736 Bridges Rd Courtenay BC V9J 1M3
- 2011 Michael & Rhondda Plumb 3604 Jolly Roger Crescent Pender IslandBC V0N 2M2
- 2010 Inger Ulstein-Bruaset P.O. Box 225 Nelson BC V1L 5P9
 GS Alpine Garden Club of B.C. c/o Pam Frost 6269 Elm St
 VancouverBC V6N 1B2

2009 Victoria Primula Group c/o Yvonne Rorison 15 Beach Drive Victoria BC V8S 2L3

MANITOBA

LF F. Patrick Healey Box 6 Belmont Manitoba R0K 0C0

NFW BRUNSWICK

2010 Brian Parker 27 Marshall St. Fredericton NB E3A 4J8 NEWFOUNDLAND

2010 Peter J. Scott 13 Cherokee Drive St. John's NL A1A 5Z8

NOVA SCOTIA

- LF Susan E. Gray RR #2 South Ohio NS B0W 3E0
 2010 Jennifer Niemi 36 Elm St Jefferson Pines, RR #6 Kingston NS
- 2010 Dennis L. Stuebing 203 James St Timberlea NS B3T 2C7 ONTARIO
- 2010 Nik Cave 22-3230 Uplands Dr. Ottawa ON K1V OC6 LF Trevor Cole 2863 John Shaw Rd, R.R. 2 Kinburn ON K0A
- 2H0
 2010 Susan Delafield 87 Koch Dr Guelph ON N1G 4H5
 2010 Barrie Porteous 3 Breda Court Richmond Hill ON L4C
- 2010 Mary Jane Whatley628 McKellar St Peterborough ON K9J

QUEBEC

- 2011 Jean Marc Aubert c/o Pneus Dominic, Inc. 26 Rue de l'Artisan Victoriaville Quebec G6P 7F4
- 2010 Maria Galletti Alpines Mont Echo 1182 Parmenter Rd Sutton Quebec J0E 2K0
- 2010 Andre Legare 698 Chemin des Bernaches Saint-Nicolas Quebec G7A 3P5
- 2010 Jardin Botanique de Montreal Bibliotheque 4101 Sherbrooke EstMontreal Quebec H1X 2B2

SASKATCHEWAN

2010 Barbara Blyth Box 1773 La Ronge SK S0J 1L0

MEMBERSHIP - INTERNATIONAL

UNITED KINGDOM

ENGLAND

- 2010 Christopher Ashill Lindley Library, Royal Horticultural Society 80 Vincent Square London SW1P 2PE England UK
- 80 Vincent Square London SW1P 2PE England UK 10T Joe Davison 7 Wordsworth Avenue Westlea, Seaham County Durham SR7 8JP England UK
- 2014 John N. Gibson 'Farinosa', 3A Primrose Lane Kirkburton Huddersfield Yorkshire HD8 0QY England UK
- 10T Mrs. Jackie GilesWindy Ridge Bolton Percy Yorkshire YO23 7BA England UK
- 10T Elizabeth Hall Vicarage House Kirkby Wharfe Tadcaster North Yorkshire LS249DE England UK
- 10T Dr. David Mellor The Croft, PardshawCockermouth Cumbria CA13 0SP England UK
- 10T Ben and Hazel Nottingham 34 Mill Green ViewSwarcliffe Leeds Yorks LS145JT England UK
- 10T Mrs. V. A. Pugh "Brikama", Hawthornden Manor Uttoxeter Staffs ST14 7PH England UK
- 2010 Giles Reed 22A Charlton Rd Aynho, Banbury Oxfordshire 0X17 3AD England UK
- 2010 Derek William Salt East View, Main Road Friskney Boston Lincs PE22 8QUEngland UK
- 10T Vivien Self 6 Lanchester Rd Maiden Law, Lanchester Durham DH7 0QS England UK
- 10T R. Taylor27 Temple Rhydding Drive Baildon Shipley West Yorkshire BD17 5PX England UK
 GS NA&PS, Southern Region Mr. L.E. Wigley 67 Warnham Court
- Rd. Carshalton BeechesSurrey SM5 3ND England UK
 GS NA&PS, Midland & West Section Mr. Brian Coop, Hon. Editor 5
- GS NA&PS, Midland & West Section Mr. Brian Coop, Hon. Editor 5 Warwick Court Eaton Socon St. Neots, Cambs. PE19 3HH England UK
- GS The Alpine Garden Society A.G.S. Centre Avon Bank Pershore Worcestershire WR10 3JP England UK
- GS NA&PS, Northern Section Mr. K. Leeming 3 Daisybank Drive Sandbach Cheshire CW11 4JR England UK

GS N American Rock Garden Soc Malcolm McGregor, Editor 16
Mill Street Hutton, DriffieldEast Yorkshire YO25 9PUEngland

IRELAND

S Library, National Botanic Gardens Librarian Glasnevin Dublin 9 Ireland UK

SCOTLAND

- 12T Mrs. Jeanie Jones Kilnpotlees KettleholmLockerbie Dumfriesshire DG11 1DD Scotland UK
- 10T Mr. Robert Mackie 12 Stuart St. Portessie Buckie Banffshire AB56 1TB Scotland UK

AUSTRALIA

- 2011 Mark Brown 19 Hill St. Crafers SA 5152 Australia
- 2010 Dr. William Cochrane 9130 Willaim St Castlemaine Vic 3450 Australia
- 2012 Sue Wallbank P. O. Box 342 South Hobart Tasmania 7004 Australia

BELGIUM

- 2014 Geert Thiers Bloemenlei 10 B 2930 Brasschaat Belgium
- 2010 Erik L. Mikkelsen Nyvangsvej 113 Randers 8900Denmark
 2010 Vibeke Poulsen Kvislemarkvej 8 Kuislemark 4262 Sandved

ESTONIA

2010 Riho Teras Vahi Kula 10-1, Tartu Vald Tartumaa EE60534

FRANCE

- 2010 Mrs. Lynne Lawson Barnhaven Primroses 11 Rue du Pont Blanc 22310 Plestin Les Graves France
- 2010 Conservatoire et Jardins Botaniques de Nancy 100 Rue du Jardin Botanique F 54600 Villers-les-Nancy France

GERMANY

- LF Dr. Alarich Kress Edelweiss Strasse 9 D-82194 Grobenzell
- LF Georg Maerz Postfach 150308 D-70076 Stuttgart Germany 2011 Jelitto Staudensamen GMBH Postfach 1264 D-29685
- Schwarmstedt Germany
 S Bibliothek Botanischer Garden und Botanisches Museum Berlin-

Dahlem D-14191 Berlin Germany

- LF Fridrik Skulason Stigahlid 65 Reykjavik IS 105 Iceland JAPAN
- 2013 Gishu Aoki 17-5 Shibahara -1 Midori-ku Saitama-shi 336-
- 2010 Nobuyuki Hayakawa 2 JYO 1Chome1-18 KitanohigachiTakasu-cho Kamikawa-qun Hokkaido071-1222 Japan
- LF Takao Maki 7-11-6 Kugenuma-Kaigan Fujisawa-251 Japan
- 2011 Yoshiyuki Miwa 21 Tohkadomo Nagashima-cho Kuwana, Mie 511-1146 Japan
 - Mr. Hiroto Oi 11-1890 Kami-Okawamae Niigata-Shi 951-8068

Japan NETHERLANDS

- LF H. Kloppenberg Meibergsdijk 1A Liederholthuis Rallte 8144RJ Netherlands
- 2010 J. W. M. van SaaselJweg 1063 2133 MH Hoofddorp Netherlands

NEW 7EAL AND

- 2012 Mrs. Heather Sell 49 Mill Road Waimate Sth Canterbury New Zealand
- 2016 Diana A. Whimp 47A Whau Valley Rd. Whangarei 0112
 Northland New Zealand

NORWAY

LF Magnus Valvik Torborg Nedreaas gt. 20 N-5006 Bergen

SUITH KUDEN

2010 Ja-EunSon Environmental Planting Lab (4353 ho) Dept of Applied Plant Science 72-1, Nae-Ri, Daedeork-Myeon Anseong-si, Gyeonggi-Do 456-756 South Korea

SWITZERLAND

LF Peter Kade Oberhofstettenweg 5 St Gallen 9012 Switzerland

LF=Life Member GS=Garrden Club T=Twin

American Primrose Society Minutes of the Board Meeting held on August 1st, 2010

The meeting was held online. It opened at 6:20 pm, Eastern Time.

Board members present: Linda Bailey (Director), Rodney Barker (Director), Mark Dyen (President, New England Chapter), Julia Haldorson (Director, Membership Secretary), Marianne Kuchel (APS Vice-President), Alan Lawrence (APS President), Amy Olmsted (Director), Michael Plumb (APS Secretary), Susan Schnare (Director) **Regrets:** Ed Buyarski (President, Juneau Chapter), Jon Kawaguchi (APS Treasurer), Maedythe Martin (Editor, President of BC Group)

- 1. <u>Approval of the Agenda</u> (Rodney/Linda)
- 2. The Minutes of AGM, May 1st, 2010 Accepted (Linda/Rodney)
- **Treasurer's Report (Quarterly Finances and YTD)** (Emailed before the meeting)
 - Income less expenses April 1st, 2010 to June 30th, 2010: (\$4,197.26)
 - YTD Income less expenses January 1st, 2010 to June 30th, 2010: (\$2,532.38)
 - Total liabilities and equity as of June 30th, 2010: \$24,065.31
 - MOTION (Rodney/Michael) to accept the report carried.

4. Projected Budget for the remainder of 2010, and the Budget for 2011

 The budgets were not discussed directly or voted on owing to unscheduled business (See below). POSTPONED

5. <u>Committee Reports</u>

Seed Exchange

 Judy Sellers (member of Seed Exchange Committee) has produced a new donor form. US seed donations will be sent to Amy. International and Canadian donations to Maedythe Martin. ACTION: Amy will send a copy of the new donor form to Michael for the website.

National Show

- Rodney announced that the New England Chapter will be holding the 2011Show at the Tower Hill Botanical Garden in Worcester MA. They already have a guest speaker: Chris Chadwell, a well-known Himalayan plant and seed explorer. Judy Sellers is the contact person.
- The board thanked the New England Chapter for again taking on this important responsibility.
- The New England Chapter will be returning the \$500 loan for the 2010 Show to the APS treasurer in the near future.

Editorial Committee

• The Summer Quarterly is now printed and should already have arrived in most members' mail. In her report, the Editor asked for contributions

of articles for the Fall Q. She also invited chapters to help with the cost of the color pages (approx. \$400 for eight color pages per issue). She thanked the proof readers and contributors, especially Joan Hoeffel.

 The report was not commented on owing to unscheduled business (See below).

Membership

- As of July 14th, 2010 there were 346 APS members in good standing.
 This reflects a net loss of 17 members since October 25th, 2009 (the last main report).
- The report was not commented on owing to unscheduled business (See below).

Website

- The website now shows details of the 2010-2011 Seed Exchange. Donor form still needs to be put online.
- The Webmaster (Michael, in his written report) asked for contributions, especially where members see gaps in information on Primula.
- Many more photos are needed.
- No decision has yet been made on whether to use PayPal for memberships.
- There is now no waiting period when members post messages to the Forum.
- The webmaster thanked Jane Guild for her technical help in creating the new website.
- The report was not discussed owing to unscheduled business (See below).

Technical Committee

No report as yet.

Judging Committee

- Alan will re-establish this committee to revise the APS Judging Standards.
- Rodney, Show Chair for 2011, asked to be included. Alan agreed.

6. New Business

Increasing Membership Dues

- This item was not part of the original agenda, and was not agreed on by all members present at the beginning of the meeting. It arose out of board members' concern at the possibility of a large deficit for 2011, and their desire to preserve the quality of the *Primroses* quarterly. Figures were proposed and there was much discussion which took up a large part of the meeting. However, since the item was unofficial, it will be discussed and voted on formally at a future meeting.
- **6. Adjournment** (Rodney/Linda) at 8:00 Eastern Time.

Next meeting: Sunday, October 31st, 2010

Respectfully submitted, Michael Plumb, Secretary



North American Rock Garden Society

Yes, I am interested in a seed exchange, discount book service, slide library, field trips, fact-filled Quarterly, garden visits, and plant sales. Sign me up!

> Membership: USA, Canada: US\$30 Overseas: US\$35

Please contact: Mr. Bobby Ward **Executive Secretary, NARGS** PO Box 18604 Raleigh, NC 27619-8604 Make checks payable to North American Rock Garden Society

https://www.nargs.org/info/smembership.

SOUTHERN SECTION

The National Auricula & Primula Society -Southern Section was founded in 1876 by and for

enthusiasts who raised and exhibited Auriculas,

Gold-Laced polyanthus and other primulas.

The Annual subscription is £7.00 (UK) for single or

family membership, Overseas £8.00

Members receive an illustrated Year Book and a

Newsletter - Offsets, containing interesting articles

on growing and raising Primulas together with their

history and cultivation.

Applications for membership of the N.A.P.S.

Southern Section should be made to:

The Honorary Secretary, Lawrence Wigley,

Join the National Auricula & **Primula Society**

Midland & West Section

www.auriculaandprimula.org.uk



£10.00 Overseas Membership.

to: The Honorary Treasurer, Roger Woods. 44 Tansey Crescent, Stoney Stanton, Leicestershire, LE9 4BT United Kingdom.

NATIONAL **AURICULA** AND PRIMULA

and Primula Society - Northern Section. Overseas memberships are some of the best Benefits include publications and more. Write: Mr. K. Leeming, 3 Daisybank Drive, Sandbach, Cheshire, CW11 4JR

Overseas membership £7.50 (\$10.00 US) Please make checks payable to NAPS. www.auriculas.org.uk



Legendary Barnhaven seed - still carefully hand-pollinated from rigorously selected plants. We also send bare-rooted plants to the USA

11 rue du Pont Blanc 22310 Plestin les Grèves, France Tel/Fax: 1133 2 96 35 68 41 info@barnhaven.com www.barnhaven.com

New Members this Quarter

Elizabeth Lawson 115 Kelvin Place Ithaca, New York 14850 U.S.A.

Finding fellow primrose growers

The membership list is in this issue again. Take a moment to look through those people that live in your area. Perhaps you could drop a postcard to someone near you, get together and compare notes.

> Should there ever be a question about your membership, please contact:

Julia L. Haldorson, APS Membership P. O. Box 210913 Auke Bay, Alaska 99821 U.S.A. membership@americanprimrosesociety.com

NATIONAL **AURICULA** AND PRIMULA SOCIETY SOCIETY

NORTHERN SECTION

Please consider joining the National Auricula ways to learn more about your favorite plants.

British Columbia Primrose Group

Maedythe Martin, President 951 Joan Crescent Victoria, BC V8S 3L3 (250) 370-2951 martin951@shaw.ca

Doretta Klaber Chapter

Diana Cormack, Acting Chair 424 Bulltown Rd., Elverson, PA 19520 610-286-0577 diana54@dejazzd.com

Juneau Chapter

Ed Buyarski, President Box 33077 Juneau, AK 99803-3077 (907) 789-2299 amprimsoc@hotmail.com http://www.alaskaprimroses.org

New England Chapter

OFFICERS OF THE CHAPTERS

Mark Dyen, Co-President 132 Church Street Newton, MA 02158 dyenreisen@rcn.com Rodney Barker, Co-President 49 Woodcliff Road Newton Highlands, MA 02461 rodneybrkr@gmail.com

Tacoma Chapter

Cy Happy III, Acting President 11617 Gravelly Lk. Dr. Tacoma, WA 98499 (253) 588-2585

67 Warnham Court Road, Carshalton Beeches, Surrey, SM5 3ND.

