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NEW ZEALAND ORCHID SOCIETY

VOL. 18 No. 5

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Greetings to you all from the "winterless north" — we've had about five frosts this winter so far!

Well, things are settling down again since the AGM in Auckland and I'm sure you will all agree that it was a very interesting weekend and there has been very positive feedback from the AGM itself, which was held at the Chelsea Park Hotel, Birkenhead in July. Many thanks to the members of the North Shore Orchid Society for hosting this important event and putting on the various activities through the weekend to make it friendly and enjoyable for everyone who attended. I'm sure everyone went back home to their societies with renewed enthusiasm for growing orchids and meeting other orchid fanatics and also contemplating contributing more articles and newsy items from your area for the magazine. They do not have to be pages long although these too are welcome, but short newsy items perhaps with a photograph, are very welcome for fill-ins etc. It has been suggested that a "local news around the societies" section be incorporated but the only way this can work is for you people to send in the information to the Editor.

Remember too, that the time frame for getting the magazine out to you is a fairly long one and what happens this month may not be printed for another 3-4 months so you need to send articles in without delay to cut down this period.

COLOUR FUND

The Colour Fund needs special mention because without this source of funds we would not be able to improve our magazine, and we have come a long way this last 18 months with it. The Colour Fund has been boosted recently due to the profit made on the Magazine Account last year and also to the very generous grant of \$2000 made by the Orchid Foundation Trust Board at the AGM. This has resulted in more colour in the magazine which gives it a wider appeal, more pleasant to read.

NATIONAL RAFFLE

The National Raffle has sold well and by this time the winners will have been notified, so congratulations to them and commiserations to those who have not had a phone call. It was pleasing to read in various newsletters from societies their determination in selling their allocation of

these tickets. I hope you got enjoyment out of it at the same time, as I have in organising it.

NATIONAL JUDGING SEMINAR

A very successful National Judging Seminar was held in Marton 10-12th July attended by approximately 100 judges and associates who braved the really cold weather to follow this interesting facet of orchid growing. The main subject this year was in judging displays and from the various comments made to me over the weekend it sounds like it was a very popular subject as not very many groups had very much experience, if any, in this area.

Finally, I would like to thank all societies and individuals who are supporting the Orchid Council of New Zealand in subscribing to this magazine — we would love to have twice as many subscribers though and perhaps this could be achieved if each and every one of you would consider giving a gift subscription (or even a half year subscription for the last three issues - \$14.00) to a friend, family or someone who loves orchids — and lets face it, EVERYONE LOVES ORCHIDS!

Syd Wray
President
Orchid Council of N.Z.

Orchid Council of New Zealand News

Resume - April Executive Committee Meeting

The April meeting of the Executive Committee was held in Auckland on Saturday, 25th April 1992. The following is a summary of the items discussed.

SPEAKER'S FUND

The Committee is looking to bring suitable speakers from Australia to talk to societies in the second half of this year. In 1993 it is hoped to bring a speaker from America.

JUDGING REPORT

Dennis Bonham, Chairman of the Committee on Awards outlined changes to the Judging Rules that will be presented to the Judges at the National Seminar to be held at the Nga Tawa College, Marton on 10th/11th July, 1992.

Photographic guide-lines have been prepared and issued to all judging panels. Society members who are interested in these guide-lines should contact their Judging Chairman.

Awards for 1991 — 51 awards were ratified for the year—13 AM, 31 HCC, 5 CCC and 2 AD. The Orchid of the Year was *Slc. Minx 'Jezebel'* AM/OCNZ owned by I. D. James of Hamilton.

Dennis congratulated the Judges from the Bay of

Plenty Panel and other visiting Judges for their judging of the Te Puke Autumn Show.

13th W.O.C.

A full report will be given at the Conzed AGM.

REMINDER: Conference Proceedings — copies are still available; but be quick; orders to the Secretary, 13th W.O.C., PO Box 29152, Auckland. \$153 cheques only, sorry no credit cards.

ORCHIDS IN NEW ZEALAND

With the magazine holding its own financially it has been decided to introduce more colour in future issues — watch for this change.

NATIONAL RAFFLE

Please check that your Society has sent the CONZED Secretary the name of your Organiser.

Tickets will be sent out. Your co-operation in

selling the tickets will be very much appreciated. **REMEMBER:** Societies receive 15% commission on sales. This project is in support of the 1995 International Orchid Expo.

SLIDE/VIDEO LIBRARY

It is not generally known that individual Orchid Society members may hire Slides/Videos if they are ordered through their Society Secretary. Don't forget to return Slides/Videos on time please.

3rd N.Z. INTERNATIONAL ORCHID EXPO 1995

Has your Society considered putting on a display? It is never too early to start planning.

Patricia Elms, Chairperson of the Organising Committee will be giving a preliminary report at the AGM. ◀

H. Bayram
Publicity Officer

This month we have pleasure in featuring a recent Cymbidium Society of America (N.Z. Branch) seminar on *devonianum* breeding, hybrids etc.

Such plants are invariably attractive with three pendulous spikes, and I am sure many readers will find this authoritative article both interesting and authoritative.

Successful *devonianum* Hybrids A history of *devonianum* breeding

by Ray Dix

I start by declaring my interest. More often than not *devonianum* hybrids have spikes which struggle to the edge of the pot and then plunge straight down. I dislike this form of spike habit. My preference is for upright spikes or at worst, semi-arching. In heraldic terms, spikes rampant. However, I do acknowledge that there is a large following for droopy spiking *Cymbidiums*.



Cym. (*Musita* 'Pinkie' x *devonianum*)

Further, another personal dislike is *Cymbidiums* with too many flowers on each spike acting as a massed display. Again, plants with 30 or 40 flowers on the spike get many jaded orchid growers drooling, but for me fewer flowers of good form, each presented on the spike to perfection, is the essence of a good *Cymbidium*.

In researching the subject of successful *devonianum* hybrids **Sander's Lists** were used to track down the hybrids, and awards lists published by the **Cymbidium Society of America**, the **American Orchid Society**, the **New Zealand Orchid Society**, and the **Orchid Council of New Zealand**, were used for awards. **Royal Horticulture Society** awards were harder to find without a composite list but some at least were traced down through issues of the **Orchid Review**.

The first listing shows hybrids, their parentage, hybridisers and registration year, grouped by **Sander's** volume years. The second list groups hybrids and their parentage, by generation. The third list shows each hybrid that has an award for quality, distinction, culture or cultural merit. No attempt has been made to go beyond the most recent **Sander's List** which includes 1990.

It is worthwhile discussing some of the notable crosses and hybridisers from each **Sander's List** period. Starting with the period up to 1946, Langleyense (*devonianum* x *lowianum*) and Jean Brummitt (*devonianum* x *eburneum*), are generally now regarded as the same, or rather Jean Brummitt was incorrectly identified as a cross with *eburneum* instead of *lowianum*. See article in the **Orchid Advocate** (March-April

1990), '*Cymbidium* Jean Brummitt, The Rest of the Story' by Paul Gripp. Another important primary hybrid in this period was Vogelsang (*devonianum* x *insigne*). Over recent years this cross has increased its popularity as a plant and as a breeder since tetraploid versions have come available.

Interestingly, in 1947-60, there were 3 second generation and 1 third generation hybrids



Cym. (Tom Thumb x *devonianum*) HCC/NZOS
Photo/Grower: Sunrae Orchids. Award photo.

out of a total of only 4 crosses registered.

In the period 1961-70, *devonianum* hybrids took off with 22 registrations, and Keith Andrew began to make his mark with 3 of these and perhaps 3 more if those registered by Dorset Orchids had his involvement. Standing out from this period are Cricket (*devonianum* x *madidum*), still popular today as a neat miniature flower crisply presented, Orchid Conference (*Sola* x *pumilum*), 'Green Light' being the only Gold Medal awarded at the 5th WOC in 1966, and Touchstone (*Mission Bay* x *devonianum*). 'Mahogany' is the most awarded of this latter grex and grows to a fine specimen, but the less vigorous 'Janis' has a charm all its own. Miss Muffet (*devonianum* x *pumilum*), registered in 1964 is also notable. Both Touchstone and Miss Muffet have found favour with recent hybridisers.

Five out of twelve hybrids registered in the period 1971-75 were by Andrew Orchids establishing the interest in *devonianum* that Keith Andrew began to build on. Similar activity occurred during 1976-80 with five out of thirteen hybrids coming from Andrew Orchids. Bulbarrow (*Western Rose* x *devonianum*) from this period stands out with many clones awarded. On semi-arching spikes



Top: *Cym. Cricket* CCC/OCNZ. Award Photo

Bottom: *Cym. Orchid Conference 'Green Cascade'*
Grower: L. Ferretti



rather than extremely pendulous, and with variety in colour but never dominant over full colour or patterned labellums so typical of *devonianum* hybrids, this cross remains popular.

Pace of hybridisation increased between 1981-85 with 35 registrations, still dominated by Andrew Orchids with 18, but with 7 from Featherhill and Geyslerland signaling the interest of Andrew Easton. The Geyslerland cross of High Sierra x *devonianum* produced Jack Hudlow, and the Featherhill cross of Doris Aurea x *devonianum* produced Panalatinga for 2 of the best hybrids of the period. Not to be outdone, Andrew Orchids produced Plush Canyon (Rio Rita x *devonianum*), a well awarded hybrid typical of the best of *devonianum* progeny. Less typical are the Jack Hundlows being lighter and cleaner in colour and with fuller form. However, lip character remains. Flame Hawk (Touchstone x Sensation) also has a following for its unusual colour and lip character.

To more recent times between 1986-90, second generation hybrids are becoming more commonplace and successful, and registrations from the line increased to 53 plus 2 unregistered grexes known, with Andrew Orchids still well to the fore with 16 but with



Top: *Cym. Bulbarrow* 'Friar Tuck' 13 WOC
Grower: David Young

Photo: Avtec

Bottom: *Cym. Touchstone* 'Mahogany'



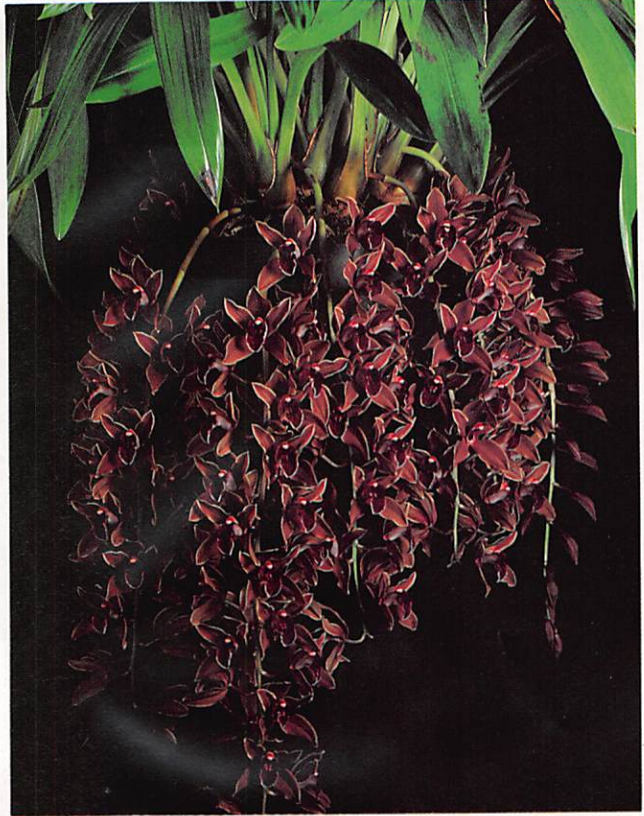
Geyslerland producing no less than 19. Arts (Touchstone x Tethys), Bandolero (Touchstone x Tamatea), and Brown Ale (Showgirl x Miss Muffet) are successful examples of second generation crosses and Malpaso Creek (Tethys x *devonianum*), a first generation.

Overall, including 2 unregistered grexes, the attached listing of *devonianum* hybrids giving pod and pollen parents and the hybridiser, shows that a total of 146 hybrids have been registered including 68 first generation, 63 second, 9 third and 6 fourth. This large number of hybrids alone indicates success and interest. Two other measures of success are evident.

One is by number of awards granted, that is by meeting standards of quality. The following table shows a summary of awards in each period.

Registration Period	Quality	Distinction	Culture
To 1946	8	-	4
1946-1960	-	-	1
1961-1970	14	5	25
1971-1975	10	2	4
1976-1980	30	3	2
1981-1985	61	7	5
1986-1990	38	7	3
Totals	161	24	44

Note that these awards are predominantly **Cymbidium Society of America, American Orchid Society, New**



Cym. Malpaso Creek 'Mem. J. J. King'
 Grower: Mr & Mrs J. R. Greeny. 13 WOC Photo: Avtec

Zealand Orchid Society and Orchid Council of New Zealand, with only a few Royal Horticulture Society awards because of

the previously mentioned difficulty of research without an RHS composite listing of awards. The last period shows a reduction in quality awards presumably because the most recently hybridised plants have yet to show maturity to reach full award potential.

One of the characteristics of *devonianum* hybrids is for plants readily grown into specimen size. Multi-spiking plants with high flower counts are quite common. My expectation prior to research was

therefore for more culture awards than quality. I was surprised to find the large number of quality awards far outnumbered those for culture. Moreover, when considering the total number of registrations of 146 with total number of awards, the ratio is very good indeed.

It can be seen that quality standards for *devonianum* hybrids have been achieved in good measure and on this count the breeding line is a success.

Recounting some of the more notable highly awarded crosses:

Touchstone (Mission Bay x *devonianum*)—Ratcliffe 1962
 Awards: 5 quality,
 2 distinction,
 7 culture.

'Mahogany' and 'Janis' awarded.

Orchid Conference (Sola x *pumilum*)—Mary Bea Ireland 1966

Awards: 5 quality,
 14 culture.

'Green Light' and 5 other clones awarded.

Bulbarrow (Western Rose x *devonianum*)—Andrew Orchids 1976.

Awards: 26 quality,
 2 distinction,
 1 culture.

16 clones awarded.

Panalatinga (Doris Aurea x *devonianum*)—Featherhill 1982.

Awards: 21 quality,
 1 distinction,
 1 culture.

17 clones awarded.

Jack Hudlow (High Sierra x *devonianum*)—Geyslerland 1983.

Awards: 10 quality,
 3 distinction,
 5 clones awarded.

Plush Canyon (Rio Rita x *devonianum*)—Andrew Orchids 1984.

Awards: 6 quality,
 4 clones awarded.

Arts (Touchstone x Tethys)—Santa Barbara 1986.

Awards: 9 quality,
 1 distinction.
 8 clones awarded.

Brown Ale (Showgirl x Miss Muffet)—Geyslerland 1986.

Awards: 5 quality,
 1 distinction.
 5 clones awarded.

generation hybrids have been used often (see table), achieving also success with awards. For example, Arts (Touchstone x Tethys) has 9 quality awards and 1 for distinction, Bandolero (Touchstone x Tamatea) has 3 quality and 2 for distinction, and Brown Ale (Showgirl x Miss Muffet) has 6 quality and 1 for distinction.

Frequency of use of *devonianum* and its hybrids as a choice of breeding line is therefore established.

The major influences usually passed on to progeny are as follows:

- Pendulous spikes
- Lip character
- White pollen caps
- Broad/Coarse foliage
- Floriferousness
- Long flower life

Hybrid Used	Registered by	Progeny
Langleyense /Jean Brummitt	Veitch 1911	13 (11 pod, 2 pollen)
Touchstone	Ratcliffe 1962	15 (all pod)
Miss Muffet	Greenoaks 1964	18 (1 pod, 17 pollen)

The other measure of success is by frequency of use in breeding. In other words, the hybridisers choice of plant or breeding line to pass on something special. With it's special individual charm, predominant accent has been on use of *devonianum* as a primary parent with 68 hybrids registered. Further development has occurred however, and 3 second

- Late season
 - Narrow segments, pointed ends
- and not the least,
- CHARM

Orchid Council judging standard marking for intermediate and miniature *Cymbidiums*, the categories must used for *devonianum* hybrids is shown in the table:

	Intermediate	Miniature
Form	30	15
Colour	30	25
Floriferousness	10	20
Habit & Arrangement	10	10
Substance & Texture	10	10
Charm & Attractiveness	10	20

Some leeway is allowed for lack of form when compared to standard *Cymbidiums*, more so in miniatures. More emphasis of points to make up for this is placed on scoring for floriferousness and charm & attractiveness.

A check on awards granted in New Zealand by New Zealand judging panels shows that 15 have been given by the **Orchid Council of New Zealand**,

5 quality, 4 distinction, and 6 cultural. The **New Zealand Orchid Society** have granted 6 of which 3 have been quality, 1 distinction and 2 cultural. These have been to hybrids as follows:

Touchstone	6
Bulbarrow	3
Jack Hudlow	3
Malpasso Creek	3
Panalatinga	2
Bandolero	2
Cricket	2

The conclusion reached is that the *devonianum* line of breeding has been successful in the recognition by awards and by hybridisers. Predominantly, hybrids exhibit a charm, perkiness and individuality adding to the kaleidoscope of *Cymbidium* orchids. They also serve a market niche for those with a liking for pendulous spikes.

My personal preference is for the Jack Hudlow type of full flower with solid coloured lip. It is probably only a matter of time before hybridisers will achieve the same effect in pink, yellow and polychrome using full tetraploid parent plants of the chosen colour crossed with the *devonianum* lip to add that distinctive look. ◀



Cym. (Dr. Baker x *devonianum*) CC/NZOS
Grower: Sunrae Orchids

Award Photo

Norm Porter Orchids

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THE SPECIES DEVONIANUM AS A PARENT AND ITS INFLUENCES AS THEY RELATE TO CYMBIDIUM SOCIETY OF AMERICA JUDGING

Y Mark Dawe

Some of the main characteristics of *Cym. devonianum* are:

1. Small pseudobulbs bearing leaves that are very broad in relation to their length, especially when compared with many other miniature species.
2. The spike habit is pendulous and often requires training up over the edge of the pot. We all know the story of how when *devonianum* was first grown in England, it was potted too deeply and seemed never to flower.
3. It can produce up to (or with its spike habit down to) 20 flowers on a spike.
4. The flowers of *Cym. devonianum* have been described as being "kind of fleshy, a little thicker than many of the cymbidium flowers that we see." The petals and sepals which have pointed ends are rather forward pointing and sometimes display a degree of twisting and furling.
5. The sepals and petals are greenish to tan in colour, heavily overlaid with dark purple, so sometimes they appear fairly dark and sometimes a clearer green.
6. The lip is basically heavily overlaid with dark purple blotches and is quite distinctive.



Cym. (Tom Thumb 'Chit Chat' x Miss Muffet 'Agate')
Grower: David Young. 13 WOC. Photo: Avtec

There appears to be no named varieties of *Cym. devonianum* but according to Keith Andrew there is some degree of individual variation and the exact clone used in a cross may influence it's outcome. *Cym. devonianum* breeds rather easily with most standards and miniatures and has produced a number of awarded hybrids. It shows dominance for its various characteristics listed to a greater or lesser extent.

We will look at the **Cymbidium Society of America** (CSA) points system for judging miniature and novelty cymbidiums and see how using *devonianum* as a parent will influence the hybrid in each of these categories.

FORM—20 points

Roundness and balance are desirable characteristics in both miniature and novelty cymbidiums. Petals and sepals need enough width to give them the appearance of roundness. *Cym. devonianum* appears to have a strong influence on the form of its hybrids especially when crossed with another diploid. In the first generation many *devonianum* still have somewhat forward pointing segments. Examples such as Touchstone (Mision Bay x *devonianum*) and Plush Canyon (Rio Rita x *devonianum*) show this as

well as some furling in the sepals but may still obtain **Cymbidium Society of America** bronze awards.

When bred onto a second generation, some of these form faults are still to be found. The hybrid Miss Muffet (*devonianum* x *pumilum*) has been converted to a tetraploid and used extensively in breeding. Some of the award quality flowers that have resulted show little of these faults but there are many lessor examples

within these same crosses that have poor form.

Some second and third generation hybrids from Touchstone have largely overcome these faults but are mainly novelty rather than miniature in size. Form in the first generation can be enhanced by using a tetraploid as the other parent. Bulbarrow (Western Rose x *devonianum*) and Jack Hudlow (High Sierra x *devonianum*) are good examples of this.



Cym. (Greensleeves x *devonianum*)
Grower: Norm Porter

COLOUR—20 points

“The overall colour must be definite, clear and distinctive.” Because of its own colouration, *devonianum* has a tendency to produce flowers showing stripes and overlays of colour. These need to be “attractive and enhance the colour charm of the flower” to obtain a CSA award. Colour descriptions such as “petals and sepals pale green heavily overlaid with blood red flush and lines leaving a pale green centre line on each segment” are typical of many *devonianum* hybrids. Even when crossed with tetraploids the overlay of darker colour often gives a darker progeny than may be expected. For instance, Bulbarrow ‘Friar Tuck’ is a definite polychrome of similar colouration to Louchette ‘Magic Mushroom’. These colours are such that one judge will consider them desirable art shades, while another will call them muddy, a characteristic to be avoided.

The cross Jack Hudlow (High Sierra x *devonianum*) using the tetraploid green High Sierra, produced some clear greens while others still have some overlay. The diploid cross Devon Wood (Woodhalda x *devonianum*) has also shown several clear greenish yellow flowers. Even when crossed to the clear white *Cym. parishii*, the hybrid Devon Parish gives petals and sepals of “creamish base” at the lightest. Many of this cross show some degree of spotting on the segments.

Cym. devonianum appears quite dominant for its base colour even when the overlay is missing.

Other crosses made using reds as the other parent produce segments of rich plum red colours. For example, Flame Hawk (Touchstone x Sensation), a second generation hybrid. This may come from the second parent and/or enhancement of the overlaid colouring in *devonianum*.

LIP COLOUR

Cym. devonianum has a lip often appearing a solid red colour and its best early crosses such as Touchstone carried on this characteristic and further passes it forward to the next generation. This has led to a belief that *devonianum* is dominant for this lip pattern. However, in many *devonianum* hybrids, this solid lip has broken up into very attractive patterns and spots. The cross Devon Parish could be expected to



Cym. (Radiant Harry x Vogel song) ‘Eastborne’
Grower: David Young, 13 WOC. Photo: Avtec

have solid lips, but all I have seen have been spotted or blotched.

White pollen caps is another very important characteristic passed on through the *devonianium* breeding line. This enhancement is most important with darker coloured hybrids.

FLORIFEROUSNESS

Cym. devonianium crosses can be grown into specimen plants that obtain CSA cultural certificates. With a sensible choice of the other parent there appears to be no problem obtaining reasonable points in this category with a well grown *devonianium* hybrid.

FLOWER ARRANGEMENT & SPIKE HABIT

Keith Andrew has said that some species plants of *devonianium* have somewhat bunched flowers and that spike length may also be greatly influenced by culture. So long as a good clone is used in hybridising and crossed sensibly, flower arrangement is usually quite good. The Jack Hudlows were originally awarded with the flower spikes trained upright but still all the flowers displayed well.

On an award size plant with several spikes, occasionally one or two spikes spoil the overall effect of the pendulous spike habit.

Most judges appreciate a well grown pendulous spiked plant and many seem to think a decorative miniature has to be pendulous. Spike habit points are usually there for the taking on a well grown *devonianium* hybrid.

SUBSTANCE & TEXTURE

Because the starting point in *devonianium* with its thicker and fleshy flowers, good substance and texture is often passed onto progeny. The better clones are often described as having glistening texture and this is made even more interesting when overlaid with a pattern of spotting or colouring.

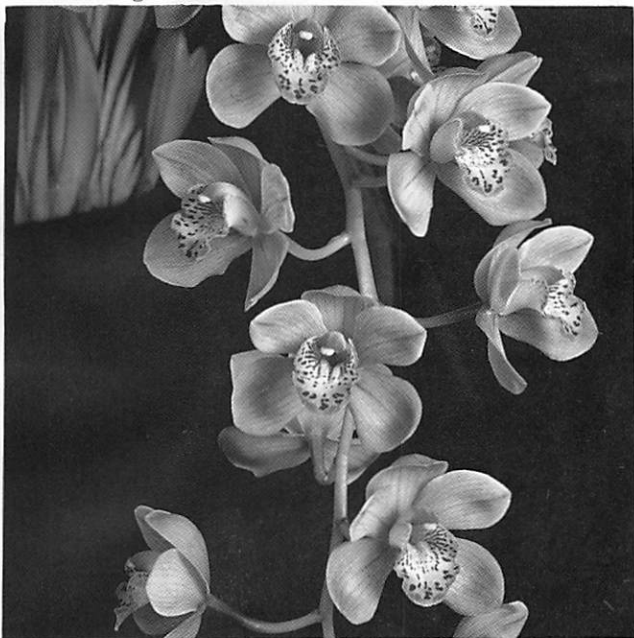
APPEARANCE OF FOLIAGE

Although the foliage is sometimes too wide in many hybrids, often *devonianium* produces dark glossy green foliage which is attractive when grown cleanly and overcomes any detraction of width.

OVERALL CHARM & DISTINCTION

Very important in novelty and miniature cymbidiums, this aspect is almost always a positive feature of *devonianium* hybrids. There is usually something about them that most like. They have charm.

More devonianium articles to be continued in a later issue.



Cym. (Venetian Interluate x Dr Baker) 'Hyacinth'
Grower: Geyslerland Orchids 13 WOC Photo: Avtec

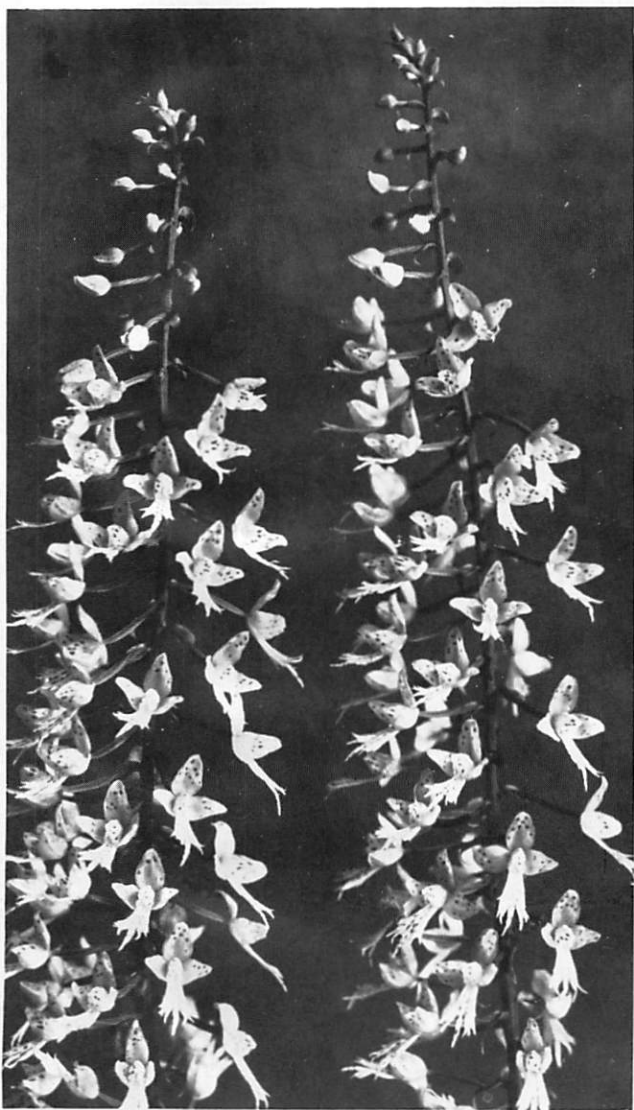
Two Early Winter Flowering Orchids

Selecting two orchids which flower during May is not an easy task, but finally I decided on *Stenoglottis longifolia* and *Masdevallia Marguerite*.

Stenoglottis longifolia

Stenoglottis longifolia, may have small flowers, but the profusion of these up the 15cm or taller stem, makes it well worth having in your collection. This is a small terrestrial, or epiphytic orchid, which has its leaves arranged in a dense rosette. Towards the end of autumn, the flower stem develops from the centre of this rosette and lasts for a few weeks. Moist, shady conditions are needed throughout the year, but less water is recommended after flowering is complete and through the cooler months.

The genus *Stenoglottis* has three species in East, Central and South Africa. It was first described in 1983. *Stenoglottis longifolia* was first flowered in the Royal Botanic Gardens of Kew in 1889.



Stenoglottis longifolia
Grower: Kevin Luff

Masdevallia Marguerite

Masdevallia Marguerite was selected as the second plant, because of its very long flowering period, which is particularly welcome at this time of the year.

This orchid is a relatively modern primary hybrid between *Masd. infracta* and *Masd. veitchiana*. The attractive orange-red flowers tend to lighten over a few weeks, so that a plant presents an attractive blend of yellow to red colours. As with all *Masdevallias*, shade and moisture throughout

the year are very important. They also like fresh air. Having *infracta* in its breeding, Marguerite should adapt to slightly warmer temperatures than the colder temperature *Masdevallias* usually prefer.

Grower/Photo/Author
Ross Macdonald



Masdevallia Marguerite
Grower/Photographer: Ross Macdonald

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Andy Easton, Rotorua, New Zealand, 1992

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Second Australasian Native Orchid Conference Toowoomba 1993

The Native Orchid Society of Toowoomba Incorporated is proud to host the Second Australasian Native Orchid Conference and Show from 17th to 19th September, 1993 at the Campus of the University of Southern Queensland.

The City of Toowoomba is located on the Great Dividing Range approx. 130 kilometres west of Brisbane. The city is about 700 metres above sea level and has a very pleasant climate and environment.

Toowoomba is known as the "Garden City" and is very proud of its magnificent parks and gardens and tree lined streets. Spring is one of the best times of the year to visit. During the last week in September each year, the city is host to the "Carnival of Flowers" recognised as the largest running annual festival in Australia. Unique displays and events highlighted with artistic and floral themes provide interest and entertainment for all. Spectacular events include the grand floral parade, exhibition gardens, spring flower shows, orchid shows and competitive gardens.

What does the conference and show have to offer to you, the orchid grower? Some of the topics at the conference include:

- Native orchids of New Zealand.
- Asian immigrants into

the orchid flora of Australasia.

- In-vitro germination of terrestrial orchids.
- Orchids of North Queensland.
- Hybridization of Australasian terrestrial orchids.
- Hybridization within the genera *Dendrobium* and *Sarcocylus*.

These topics and more will be addressed by International and Australian speakers.

As for the orchid show, we can guarantee a spectacular display with plants from all over Australia. Toowoomba is ideally situated and we expect quality displays from tropical and subtropical regions as well as those from more temperate areas. The region is renowned as a cool growing native orchid area and each September the Native Orchid Society of Toowoomba combines with the Toowoomba Orchid Society to stage a spectacular spring orchid show.

Plants for competition can be entered in any one

of 43 classes and there will be large floral displays and table top displays. Prize money totalling about \$8,000 will be keenly sought after with the Champion of the Show attracting the ANOS prize of \$1,000. Reserve Champion will receive the Toowoomba Orchid Society trophy of \$500. Best large display has a prize value of \$600 and every other society or individual competing in this section will be awarded \$100. Best table top display will attract a prize of \$150 and first prize in individual sections will be \$25. Enough reasons to be in Toowoomba in September 1993!

Registrations forms available from:

The Second Australasian Native Orchid Conference and Show.

c/- University of Southern Queensland.

Conference Section
P.O. Darling Heights
TOOWOOMBA, Qld 4350

If you grow or are interested in native orchids you cannot afford to miss this event!

Plan now to come to Toowoomba in September 1993. ◀

VALE

Dorothy Hazelwood

It is with regret that we note the passing of *Dorothy Hazelwood*, who with her late husband Hec, were Foundation and Life Members of the then Golden Coast Orchid Society Inc.

Dorothy was an enthusiastic supporter of all the society functions, as well as the shows, in which she always had a large display of well grown plants, covering a wide variety of genera.

Dorothy's interest in growing plants extended over a period of 30 years, and both she and Hec travelled widely during the last 20 years, attending Orchid Conferences in most countries.

All those who knew Dot and Hec and visited at any time were always welcome, and never failed to be impressed by their generosity. You always came away with a plant or

piece of one, be it an orchid or some other plant.

Dorothy had the honour of having 2 plants named after her — a cymbidium and a cattleya.

Her greatest thrill was to receive a Bronze Medal at the 1990 World Orchid Conference for her well grown plant of *Dendrobium speciosum*.

We extend deepest sympathy to her family. Dorothy will be sadly missed.

VALE

Ted Bartosh

It is with regret that I wish to advise the members of the death of Ted Bartosh, who passed away on Sunday 24th May 1992.

Ted was both Patron, as well as a Foundation and Life Member of the Golden Coast Orchid Society Inc. He was one of a number of enthusiastic orchid growers on the Golden Coast (as it was then known) who attended a feasibility study meeting on the setting up of an orchid society on the Golden Coast on 25th October 1972. The result of this meeting was the formation of the Golden Coast Orchid Society Inc. on 13th November 1972. Ted was elected President,

a position he held for 3 years.

He was made Patron of the Society in 1980. Ted was a keen and interested grower of all types of orchids. This was very evident by the large number of plants which he brought to the monthly meetings, as well as the large number of plants he produced for display when the Society held their twice yearly shows.

Ted will be missed, not only for his displays of plants, but for his good nature, as well as his always helpful growing knowledge, which he was only too happy to pass on to new growers, along with

his willingness to share a piece of some beautiful plant with a newcomer to orchid growing.

Ted's passing will be a great loss to his many friends in the orchid world.

It is also with regret that I must advise of the passing of Ted's wife Doris on 25th May 1992. Doris was also a member of the Society taking an active part with Ted at monthly meetings and shows.

We wish to offer the deepest sympathy of all members of the orchid community to the members of the Bartosh family on the passing of Ted and Doris. ◀

Peter Stephens, President
Kapiti Orchid Society NZ Inc.

Early Experience

Ted Bartosh was a horticulturalist and a Mrs McGuilligan of the Telegraph Hotel, Otaki, who grew orchids in a small glasshouse, kindled Ted's interest in growing some.

In 1953 Ted was given a few *Cymbidium* back-bulbs by Mrs McGilligan. These died but he bought more plants, and this time took more care of them.

Ted was born in 1901, the family settled in Lower Hutt in 1915, and were commercial growers of cut flowers and vegetables. Ted moved to Otaki in 1942 to live near the markets, he grew vegetables and flowers, mostly daffodils, and sent flowers all over the country.

A Petone lady (Mrs Grylls) who had a large collection of *Cymbidiums* introduced Ted to the Hutt Orchid Circle. This enabled him to meet Henry Rudolph who was then known for his *Cattleyas*. Ted still has his original *Cattleya* obtained from Henry which is named Louise.

Ted says that Henry Rudolph was the 'early bird' in orchids around Wellington and comments that Henry was very loath at first to sell plants to him — apparently a familiar reaction in those days. Norm Porter has mentioned a similar reaction from the Perano family.

Ted believes that he paid around eight pounds for one of his first *Cattleyas* and Norm Porter has mentioned a figure of five pounds, five shillings for an early *Cymbidium* hybrid.

Ted visited the Perano family of Picton in the early 1950's and recollects that their house were constructed with the lower half of brick. A space was formed which was filled with fibre and the family grew their *Cymbidiums* in this.

With increasing enthusiasm he travelled widely, in 1966 he brought back a large collection from Australia: in 1970 he went to Japan, and returned to Australia the following year, travelling as far north as Cairns to collect the plants he wanted.

Insisting that he has built up his collection as a true hobbyist, he has grown nearly every sort of orchid over the years, and at one time he had a large collection of *Masdevallias*, mostly acquired from Herbie Poole. He has also shared Kath Black's collection, and still has numerous plants, providing him with lots of excellent flowers all through the year. Five years ago he started his daughter Pat with a collection, and now grandson Jason, who owns a lot of plants which share Grandad's facilities.

He was the Foundation President of the Golden

Coast (now Kapiti) Orchid Society, and held the position until Mr Wesley Ross-Taylor took over. Ted was President of the Otaki Horticultural Society for 40 years.

He was always a hobby grower and had not tried hybridising until recently, at the age of 88! He has been involved in judging but does show at local flower shows. It is interesting to note that Ted was still taking plants to displays at the Society monthly meetings, winning prizes, and sharing his cultural expertise with all members.

Prepared by K. Christie
from notes by Lyn Sherlock
based on her talks with Ted

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- Guided tour of spectacular illuminations.
- Local collections available for viewing.
- Visitors invited to bring plants for display or sale.

BOOKINGS ESSENTIAL FOR SATURDAY NIGHT DINNER

Further details available from your local Society Secretary but note deadline for dinner bookings is 31st December 1992.

TARANAKI ORCHID SOCIETY INC. P.O. BOX 635 NEW PLYMOUTH

A SHADY PROBLEM

Does $50 + 50 = 75$?

Yes, it does. After many years of being told that $50 + 50 = 100$ it can be a little surprising to find it also equals 75. When does this happen? When one is working with percentages. With percentages normal arithmetic can be thrown out the window. All shade cloth comes in percentages of shading, e.g. 30%, 50%, 80% etc, etc.

So what happens when one uses two layers of shade cloth? I will try to explain.

Light from the sun can be expressed as a value of 100 (or a whole, as in a whole apple). By putting a layer of 50% shade cloth over your glasshouse one reduces the available light by 50%. Therefore half the sunlight is filtered off, leaving a light value of 50. Now put a second layer of 50% shade cloth over the top (or underneath) the first layer. As the light value of 100 passes through the first layer of cloth the light value is reduced to a value of 50 as explained above. As this light value of 50 passes through the second layer of cloth it is reduced by a further 50%. Half of light value 50 = 25. Therefore total shading of two layers of 50% shade cloth equals 75 ($100 - 25 = 75$). So $50 + 50 = 75$ when working with percentages.

What about other values of shade cloth?

Two layers of:

30% cloth	= 51% not 60
30% & 50% cloth	= 65% not 80
30% & 75% cloth	= 82% not 105
50% & 80% cloth	= 90% not 130

The same shading is achieved if the cloths are in either position, i.e. 50% on top, 80% underneath or vice versa.

Now if one has glass covering ones orchid house there is no problem letting sunlight through to your plants. However, if one has a plastic cladding this can upset the equation. The plastic cladding can reduce sunlight by about 12 to 20% (depending on the type of plastic). So if one throws a layer of 50% shade cloth over the top one reduces the sunlight by 56 to 60%. If two layers of plastic are used (double glazing), the sunlight can be reduced by as much as 22 to 36%. This should be

taken into consideration before putting shade cloth over (or underneath) the plastic.

CONFUSED? Well I hope I have been of some help, and all the best in working it out. ◀

Tim Funnell

RAFFLE RESULTS

Following are the ticket winners of the National Raffle drawn recently.

1st Prize Ticket 30117
Trip for two to Honolulu
L. Goldsworthy
16 Clinton St, Fitzroy,
New Plymouth.

2nd Prize Ticket 36454
Trip for two to Fiji
M. C. Hayward
70, Awaroa Rd,
Helensville.

3rd Prize Ticket 04498
Trip for two to Surfers Paradise
B. Stewart,
3d William St, Gore.

PESTS AND DISEASES

The subject is Pests and Diseases. The author Bob, declared that he had no pests or diseases because all his plants had been living outside in a shadehouse since mid-January, and all the pests had died! What he actually meant was that all the plants which had any pests or disease had died, but it comes to the same thing anyway.

The main pests or orchids are **red spider, aphids, scale, slugs, and snails**, and diseases are **fungus and virus**. If your plants have been outside during the so called summer, they will have picked up all sorts of things from the gardens next door, which aren't looked after properly. All it needs is a gust of wind and any airborne pest will be deposited on your plant, where it will start to reproduce rapidly.

Before putting your plants back in the glasshouse in the autumn, check them carefully for any bugs, in particular **red spider, aphids and scale**. These can be removed by wiping the leaves with a tissue dipped in a mixture of all seasons oil and water (a teaspoon to a cup of water). This covers the leaf with a thin film of oil which prevents any eggs left over from hatching. Take care to hold new leaves at the base as they are wiped, because they aren't attached to the plant very firmly, and can pull away from the base if you are not careful. Scale can be

removed with an old toothbrush dipped in meths, scrubbing gently to avoid damaging the leaf. The glasshouse itself should be sterilised before replacing the plants, either with a smoke bomb, scrubbing with a solution of Jeyes Fluid and detergent, sprinkling a solution of **Condie's crystals** (potassium permanganate), or if you really want to do it right, pour some formalin into a bowl with Condie's crystals in it, and get out quickly before the fumes kill you.

The glasshouse should be free of weeds, and it is not a good idea to grow any plants under the benches, as all sorts of nasties can hide there and come out to feed on your plants at night. Fungal diseases will flourish in cool damp overcrowded conditions without any air movement, particularly if leaves are wet overnight, so keep your plants well apart, provide good ventilation, and make sure the plants are dry before dark. Don't let leaves touch the outer wall of the glasshouse. It is

always colder and sometimes wet with condensation, and this can burn the leaf tips. A good preventive spray is copper oxychloride used once in the autumn, and again in mid-winter. This is available from any garden centre, under various trade names.

There are several brands of sprays available now which are non-toxic to humans. They are based on pyrethrum, which is short lived naturally occurring compound which paralyses insects and stops them breathing.

Slugs and snails can be kept away by sprinkling wood shavings and/or ashes round the glasshouse. This either kills or deters them. For those which do make it into the glasshouse, Mesurol is the most cost effective bait. It is costly but lasts for up to a month. Caution — when using Mesurol place it in small dishes on the benches of the glasshouse; not directly on the mix in the pots.

. . . to be continued

Miltonia Mamie Kennedy

Mamie in her favourite place — her glasshouse.
Glenys Day — author and Photographer.



Every Society has its special identities, folk who work quietly wanting no special accolades, who are always cheerful, willing and available to help.

Canterbury Orchid Society has Mamie Kennedy.

Many visitors to Christchurch will know her, perhaps she has given them one of her cups of tea, or just a friendly chat.

Another Canterbury identity is John Campbell. He works tirelessly for the Society and orchids in general. Dabbling in hybridising is something he enjoys with some success, and when he crossed *Miltonia* Hudson Bay with *Miltonia* Tola Urbach he made a beauty and named it *Miltonia* Mamie Kennedy to honour her.

Well done John — a fitting tribute to a special lady.

ORCHID HOUSE VISITS

by Jean Thompson

It was Sunday, one to get up early. It was glasshouse visit day for the Whangarei Orchid Society and I'm not going to miss this one or any other for that matter. For me it is a lovely day or afternoon out; time to mix and meet others, and enjoy someone else's orchids. Orchids that I can't grow because I don't have the housing conditions or the space or the whatever it is that it takes. Time to see how others grow orchids that I have, to see what else I might be able to grow in my conditions. Maybe someone has something to sell that I can try. Glasshouse visits are a day of friendship, sharing, learning and teaching, spelt **FUN**. Glasshouse visits are held once a month about six or eight months of the year and not all are to local houses and not all are Society members.

This time it was an early start from Levene's carpark. When everyone had arrived, some later than others, we sorted ourselves out and carpooled. With directions from Joy Wray, 10 cars set off all with 3 or 4 occupants. We went over roads that some had not travelled before to our first stop at Whangaruru Wharf Road and *Fredis and George Cochrane*. The wind greeted us as did their lovely view from their situation at the end of a ridge with harbour views on three sides. The Gallahs also voiced their opinion of our visit. There nestled in the fork of a kowhai tree was a bowl of *Coelogyne* looking the picture of health. Into the orchid house built into the side of the hill, partially covered in and the rest just shade-cloth. The floor inside is terraced and metalled. Minimal benches in here; watch your heads;

hanging pots! The great use of various types of wire baskets and trays like old bread baskets and bun trays and even bigger trays, all hanging, were the home for many pots. There were other baskets and trays, homemade. Other pots and plants were on stumps, rocks or the

metalled ground among ferns and non orchid plants. The variety of orchids was wide with some of the more experienced growers seeing plants they had not seen before in a collection. Noted was a collection of *Disa* in flower, collections of *Vanda*, *Masdevallia*, *Cymbidiums*,

Sir,

I am enclosing an article that may be able to be used in Orchids in New Zealand in future. I have not written anything like this before so don't know if it will be of any use. I am also enclosing a couple of photos, but again I'm not sure if quality is OK to use. My position in the Whangarei Society is as Treasurer and my orchid collection numbers about 50 odd bods and some Cymbidiums.

I enjoy the magazine and the article that may be of interest to me now may be in 2

or 3 years. I am constantly reading back issues generally when I have acquired a new orchid for my collection, or I get a boost of enthusiasm.

Yours sincerely
Jean Thompson

I trust Jean will excuse me, but I thought readers would be interested in this letter which accompanied the following article.

Jean is to be congratulated on her first writing effort.

Editor

Lycaste to name a few. The labelling of plants was done by a machine that punches the letter onto a plastic adhesive tape which is then stuck on the label. There was no problem reading the names. We were then provided with an unexpected and lovely morning tea complete with home baking. There were plants for sale and these found their way to various cars.

Continuing on our way we went through the Ngaio tonga Forest where we saw the twin bole kauri and the kauri glade.

Russell, and the home of *Bob and Bev Douglas* was our next stop where Bob acted as parking attendant. Again it was a lovely view from the hill about Russell township looking across to Paihia and Waitangi watching the water activity. A stroll around the grounds of this large garden provided something to suit everyone's taste including the veges. Old fashioned roses played a prominent part with 1826 seen on a couple of labels and 1829 on another. Into the big orchid house in 3 compartments packed with plants on high benches, no

bending here, watch your head on those hanging *Vandas*. The variety was very wide. *Stenoglottis fimbriata* caught my eye. Lovely delicate pale lilac flowers on the spike and a bigger *Stenoglottis longifolia* about to open. A lovely dark *Renantera pulchella* and a variety of colourful *S.L.Cs*. Into the next glasshouse with *Phalaenopsis* where some had keikis growing on the old flower stalks, some of which were flowering. One would suppose that in the wild this would be one way they would propagate the species as the keiki would



Vanda coerulea
Grower: Mike Davison

break off in the wind and settle elsewhere. Up by the house was another glasshouse catching all the light and sun with *nobile* type *Dendrobiums*, *Cattleya* and *Vandas* and out on the terrace was a *Dendrobium speciosum* with huge healthy growths, hopefully a rewarding flowering ahead as spike buds were seen. Along the back of the house as a collection of *Cymbidiums*, *Dendrobium kingianum*, *delicatum* and others. Here was time for lunch sitting in one of the many interesting corners of the garden. A little bit of history as just next door and down the hill was the first Catholic cemetery where the last burial was

1860 and there is reported to be a horse buried.

We were off again, this time a trip across the water on the Ferry to visit *Murray and Margaret Strong* at Opuā. Margaret showed us her *Cymbidiums* growing in a tunnel house with shade cloth and situated on uneven hillside terrain under the trees. All plants were on benches at a low level. These benches consisted of various sized bricks and building blocks set to give a level surface when disused pallets were sat on top. Many plants had spikes. In the main house we again found a wide variety and there my eye caught what will be a lovely display of *Dendrobium*

(Lady Charm x Joe Concert), with 5 spikes, and what about *Maclellanara* Pagan Lovesong Ruby Charles. Nothing is wasted in orchid growing with empty food containers put to good use as pots or containers and the discarded lead weights from tyre balancing placed to balance the pots of plants with long or drooping canes or spikes. A few more plants found new homes.

John and Colleen Frew of Kawakawa were our next hosts. There was again more than just orchids to see with the hydroponics being of interest to many. We wandered through the aviary where orchids have



Lycaste Chiltern Hundreds

replaced the birds and again it was to see some great space utilization ideas. From a pipe rail hung *Coelogyne masseangeana* in flower also *Nobile Dendrobiums* and a native *Dendrobium cunninghamii* and Spanish Moss all doing well. Instead of putting your plant in the wire basket hang the basket upside down and from that you can suspend a multitude of pots, John had 7 from one. The other idea was to hang one good sized pot (and plant) and then hang another from either side and then from either side of them and so on build the triangle down as the space will permit. There was mesh used to separate the various sections and again pots were hooked to this using various John Few designs. The first *Cymbidium* in flower was seen for the day. *Howeara* Mini-Primi brought lots of ahs; 4 long spikes, I counted 5 branches on one, I didn't count the flowers. The lovely white *Phalaenopsis* Cherryvale showing us how it is done. *Doritis pulcherima* with 2 lovely spikes.

Our final stop was *Ethel Wood*, here we saw some more "waste not want not" where hanging baskets or bags had been made from baling twine and the skill of the fishnet maker or macrame had been employed. In these were hanging the pots. In

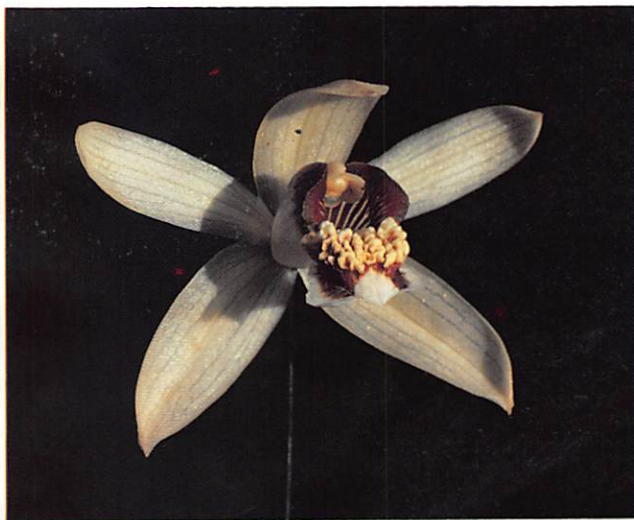
the glasshouse were the *Vandas* and there was the specimen of *Dendrobium moschatum*. Around the side of the garage was a collection of *Epis.* in concrete pots, I counted 10 different colours. Then there was the shadehouse of pipe and mesh construction. Just to prove we don't need a house to grow orchids, Ethel has made use of the Plum tree and I would guess the orchids hanging in pots in the baling twine baskets would almost out number the plums in summer. They were hanging wherever there was a branch able to take the pot and plant weight. There were *Brassavola digbyana*, *Stanhopoa acculata*, *Nobiles*, *kingianums*, *Coelogyne*, *S.L.C* (Naomi Kerns Fireball x *bowringiana*) in flower.

Under the citrus trees were the *Zygopetalums*. Ethel had no regard for anyone's diet as we were served a lovely afternoon tea with pikelets warm from the pan.

Thanks to *Bruce and Jill Gover* it was as a passenger that I'd enjoyed my day. Many thanks to our hosts and hostesses for giving us such a warm welcome. Home to my shadehouse with packing case benches and pallet floors and guess whose orchid house will be visited next month. Yes, mine, along with 4 others within about a 5 km distance. ◀

Jean Thompson

P.S. I have been back to the twin bole kauri and there was a collection of *Pterostylis trulifolia* (I think) as I didn't have my field guide with me.



Coelogyne masseangeana

NEW ZEALAND ORCHID SOCIETY WINTER SHOW

Trophy Winners

Grand Champion Orchid of Show The 'Lion' Trophy
Paph. (Feldspar x Shalimar) # 1
B. Fraser.

Grand Champion Paphiopedilum
The Society's Cup
Paph. (Feldspar x Shalimar) # 1
B. Fraser

Reserve Champion Paphiopedilum
Paph. Harvest Time x Golden Acres — B. Fraser

Grand Champion Miniature or Intermediate Cymbidium
The Corban Trophy
Cym. Little Bighorn 'Elizabeth Mary' — J. S. Thompson

Founders Paphiopedilum Trophy
Paph. Greenvale x Winston Churchill — B. Fraser

Ena & Des Langdale Trophy
Cym. Alegria 'St Lita'
Ken Nicholson

Best Miniature Cymbidium
Corban Cup
Cym. Petite et Vite
R. and N. Armstrong

Best Cattleya Alliance
James Trophy
Bc. Pastoral 'Innocence'
Wendy Simpson

Best Intermediate Cymbidium
Clark Cup
Cym. Little Bighorn 'Elizabeth Mary' — J. S. Thompson

Best Novice Miniature or Intermediate Cymbidium
Agnew Trophy
Cym. Amapola 'Milford'
Mary Foley

Best Pleurothallid Alliance
Carpenter Winter Trophy
Masd. Kimballiana x *welischii*
N. Sievegright



Founders Paphiopedilum Trophy
Paph.
Greenvale x Winston Churchill

Most Outstanding Oncidiinae Alliance Del Chandler Trophy
Odm. Summit — A. Day

Joan Parker Winter Trophy
Den. *cuthbertsonii* — I. D. James

Best Phalaenopsis
Carolyn Scholes Trophy
Phal. Portola 'Mt Madonna' x Grace Palm — Ken Nicholson



Best Inter-generic Orchid
Ascda. Mangkiatkul

Most Outstanding Novice Standard Cymbidium
Jean Allen Trophy
Cym. *tracyanum* x Robin 'Freckles'
Len Cobb

Best First Flowering Cymbidium Seedling. Armstrong Trophy
Cym. ((Celadon x Alnwick Castle) x Sleeping King) - Marion Wright

Best Inter-generic Orchid
Shirley Sidnam Trophy
Ascda. Mangkiatkul
T. C. & P. D. Martin

Best Specimen Paphiopedilum
Powell Cup
Paph. *hainanensis* — B. Fraser

One Flowering Paphiopedilum, showing the best standard of culture. Boyce Cup
Paph. *venustum* — B. Fraser

The Cattleyas, different colours, judged on quality. Mountford Cup
(i) *C.* Horace 'Maxima' x *Blc.* Golden Slippers 'Lame' (ii) *C.* Chocolate Drop Kodama' (iii) *Lc.* Zannie Melton x *C.* Summer Ridge - Barbara & Fanie Johnson

Novice Paphiopedilum, judged on quality, culture and appeal. Reg Butler Trophy
Paph. ((La Honda x Hellas) x Bagshot) — Phyllis Paice

Any Genus, grown by a Novice who has not exhibited prior to 1989. Laird Trophy
Angem. *giryanamac* — Dean Waters

Novice Floral Art "My Favourite Arrangement"
Effie Potter Trophy
Jeanette Austin

Floral Art Open Points Prize
Enid Wight Trophy
Wind Swept — Shirley Sidnam

Points Prize, Open
B. Fraser

Points Prize, Novice
Dean Waters

Floral Art Open Points Prize
Enid Wight Trophy
Wind Swept — Shirley Sidnam

NEW ZEALAND ORCHID SOCIETY WINTER SHOW 1992

Held on the first weekend in July at the Mt Albert War Memorial Hall this show is often well blessed with a good early crop of orchids. With many overcast days during Autumn and an early cold snap most growers were complaining of having a late blooming season. On top of this our winter show was a week earlier than is usual. So the excuses of not having anything to show came thick and fast.

Nevertheless, although exhibit numbers were down, quality did not suffer and good growers still managed to shine. Five quality and three cultural awards were granted by the New Zealand Orchid Society judging panel. Top orchid was *Paph.* (Feldspar x Shalimar) 'No 1' which was Grand Champion Orchid and Grand Champion *Paphiopedilum* exhibited by Barry Fraser of Papa Aroha Orchids. This was an extremely large green *Paph.* with well set flat petals and dorsal sepal, awarded AM/NZOS.

Reserve Champion *Paphiopedilum*, also shown by Papa Aroha Orchids, was *Paph.* Harvest Time x Golden Acres, good proportioned light tan petals and lime green dorsal sepal overlaid brown and having a white border earned this an HCC/NZOS. Grand Champion Miniature/Intermediate Cymbidium went to Mrs J. S. Thompson's Little Bighorn 'Elizabeth' with

twenty five flowers open on one spike and thirty buds on the other. This was a pure colour light green with mustard blotching on a cream labellum.

Best specimen and best cultured *Paphiopedilum* respectively went to *Paph. hainanensis* with seven flowers and seven buds on fourteen inflorescences, and *Paph. venustum* with six flowers and one bud on seven inflorescences. Both were displayed by Papa Aroha Orchids and each received the culture award of CC/NZOS. In

addition *Paph. hainanensis* gathered a CA/CSA. A feature of the show this year was the number of quality *Paphs.* exhibited by Barry Fraser, all showing a high standard of culture and showing *paph* growers around Auckland that they have a bit of catching up to do.

To complete the bag of awards to Papa Aroha Orchids, the Cymbidium Society of America granted a B/CSA to *Paph. sukhakulii*. This had a prodigious spread of 165mm.



Paph. (Feldspar x Shalimar) 'No 1' — Awarded AM/NZOS
Grand Champion Orchid — NZOS Winter Show 1992

Grower: Papa Aroha Orchids

Photo: Ray Dix

Cymbidiums are usually to the fore in our winter show and although these suffered most from the low light year and were lagging, what should come up trumps but *Cym. Alegria* 'St. Lita' flowering well and quite early, shown by Ken Nicholson. Best first flowering seedling was (Celadon x Alnwick Castle) x Sleeping Beauty, awarded a week or so earlier an HCC/NZOS and shown by Marion Wright. This was a seedling hybridised by the late Lil Crouch and I understand, will be named in her honour. A cheeky miniature cymbidium exhibited by R. and N. Armstrong, Petite Et Vite with thirty one flowers and two buds on three spikes was best miniature and received an HCC/NZOS.

Among other orchids of note was *Odontocidium* (*Odm. uro-skinneri* x *Onc. Margaret*) shown by Jean Allen and receiving an HCC/NZOS. The very wide pale yellow skirt on labellum and wide gold petals and dorsal sepal heavily marked brown showed up well with thirty eight flowers and two buds on two inflorescences. The large and bold *Masdevallia macra* with five flowers exhibited by Nora Chisnal received an CC/NZOS, and the tiny

Dendrobium cuthbertsonii also with five flowers shown by Jim James received an HCC/NZOS.

The New Zealand Orchid Society Winter Show usually incorporates a few displays and

showing this art were the host society, the South Auckland Orchid Society, the Cymbidium Society of America and South Pacific Orchids represented by Ken Nicholson.

Ray Dix
July 1992



Little Bighorn 'Elizabeth' — NZOS Winter Show 1992
Grand Champion Miniature/Intermediate Cymbidium.
Grower J. S. Thompson Photo: Ray Dix



Paph. (Harvest Time x Golden Acres) 'Papa Aroha'
Reserve Champion *Paph.* — NZOS Winter Show 1992
Awarded HCC/NZOS Grower: Papa Aroha Orchids Photo: Ray Dix

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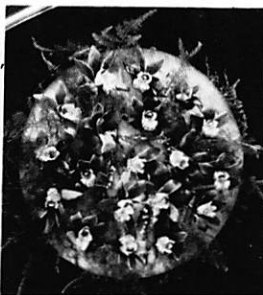
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Odm. Trixon x Maharanee (deep reds)

Masdevallia Angel Frost (apricot/gold)

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Grower: Phyl Purdie, Wellington

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