



THE SOUTH COAST ORCHID CLUB OF SA INC.

Gazette

February 2022

Patron: Coralie Hills FAOC
President: Michael Willoughby

AT A GLANCE

ANNUAL GENERAL MEETING

The Annual General Meeting of the South Coast Orchid Club of South Australia will be held on Monday 14th February 2022 at 8.00 pm. at RSL Hall, 4 Prince George Parade, Colonel Light Gardens. Business will include Election of Office Bearers and Committee Members for 2022, and the financial statement for 2021.

The February General Meeting of the Club will follow the Annual General Meeting. Our Guest Speaker will be Jane Higgs who will talk on Terrestrial Orchids. Please don't miss this great presentation. The meeting will finish a little later than usual at 10.00pm

LEARNERS' GROUP: There will be a Learners' Group Meeting at the February Meeting at 7.15pm.

JUDGING: Please have your plants benched by 7.40pm so Judging can commence at 7.50pm. If you are running late due to work commitments please phone Phil on 0438 891 612.

DAYTIME CHAPTER: The next meeting will be held on Thursday 10th February 2022 at 2.00 pm. Our Guest Speaker will be Geoff Spear speaking on Cymbidiums.

SOUTHERN REGION: The next meeting will be held at 2.00 pm on Sunday 20th February 2022 in Carrickalinga House, 17-19 Torrens Street, Victor Harbor. Our Guest Speaker will be Phil Steer who will present The Flower of the Year Presentation followed by "Plant Awards - How does it Happen?" Learners Group will be held at 1.15 pm.

LUCKY NAME BADGE: Make sure you wear your Name Badge to meetings, you may win a prize.

PUBLIC LIABILITY: Under Insurance Guidelines all members and Committee attending any function or meeting held by the Club must sign and print your name in an Attendance Book.

VALE BEN KNOBBEN

It is with great sadness that we record the passing of the Orchid World's great friend, Ben. Whilst not a member of South Coast Orchid Club he was known and loved by all, especially for his love of Cymbidiums and his infectious grin. Our sympathy to his wife, Christine and family.

R.I.P.

DEADLINES FOR NEXT GAZETTES
27 February and 27 March



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YOUR COMMITTEE FOR 2021

PRESIDENT:	Michael Willoughby	0479 162 527
SENIOR VICE PRESIDENT:	Malcolm Mangelsdorf	
VICE PRESIDENT:	Kevin Western	
TREASURER:	Anne Steer	8270 3090
COMMITTEE:	Oui Ju, Richard Crinion, Christine Robertson, Andrew Dean, Craig Humfrey, Phil Steer, Craig Dicker, Marilyn Buckerfield	

NON COMMITTEE POSITIONS:		
Registrar	Phil Steer	0438 891 612
Editor	Christine Robertson	0438 363 940
Web Master	Craig Dicker	
Librarian Southern Region	Diane Cawley	
Photographer	Neil Cooper	
Convenor S. R. Group	Chris Heysen	0419 386 769
Convenors Daytime Chapter	Andrew Dean, Patty Abell	
Convenor Main Learners' Group	Craig Humfrey	

LIFE MEMBERS

* denotes Member who has passed away.

1978 Dulcie Grave *	1986 Harry Viney *	2009 Don Biebrick
1978 Leora Harvey	1986 John Nicholls	2009 Henk Van Leuveren *
1978 L. & H. Poole*	1989 Helen Edwards	2010 Dorothy Carassai
1978 Ellie Shaw*	1990 Dr, Keith Northcote *	2011 John and Bev Gay
1979 Syd Monkhouse	2003 Norman Gitsham *	2012 Noel Oliver *
1979 Bernie Hanson*	2005 Merve Steele *	2015 Lesley Fenton
1981 Lois Hanson*	2005 Shirley Steele *	2015 Rod McRedmond
1981 John Leeder*	Circa Tony and Toshy Deonnio *	2018 Kevin Western
1985 Brenda Lynch	2007 Ron and Irene Parish	2020 Malcolm Mangelsdorf
1985 Bubs Gready *	2007 Murray Baulderstone *	2021 Donna Meeuwssen
	2008 Geoff and Lucy Spear	

SUBSCRIPTIONS:

Subscriptions for 2022 are now due. There will be no increase in subscriptions for 2022. We do value your membership and seeing you at meetings each month.

RATES – One membership covers all groups

Family Membership	\$38.00
Single Membership	\$30.00
Junior Membership	\$22.00

Rural and Interstate Membership

Family Membership	\$34.00
Single Membership	\$28.00

Account Details: BankSA Glenelg. BSB: 105-145
(Use your grower number for Reference)

Account No.: 545457040



President's Annual Report

As the Pandemic continued on The South Coast Orchid Club enjoyed what was a more usual year of meetings and shows albeit the 2021 Winter Show which was planned to be held in a new location for the Club, the Aberfoyle Park Community Centre. COVID-19 once again put us into lockdown with the show having to be cancelled and as it turned out it may have been a blessing in disguise as the weather on that weekend was in no way conducive to venturing outside our doors.

Our thoughts are with those members that we lost during the year and their families, they will be missed terribly and our members who are unwell and recovering from illnesses.

Many thanks to Andrew Dean for convening the Daytime Chapter which he has taken on with great enthusiasm. There are always interesting plants that have been benched for us all to enjoy, also a field trip was organised for the members that was enjoyed greatly. Thank you to our convenors for all your hard work as some of the older members would never miss this meeting.

The Southern Region Group enjoyed what can only be described as a year unlike 2020 in such it was near enough to normal in these times. The SRG also has a new convenor, Chris Heysen who was warmly welcomed to the role by the SRG members. We thank Chris for taking on the Convenor's role with such relish.

Thank you to all the judges, committee and all members for supporting the club throughout the year. To Phil Steer as Registrar in continuing to do great work for the club. Christine Robertson our editor, the effort you put into the Gazette is there for all to see and we are most proud of the publication that you deliver for The South Coast Orchid Club of SA. Our Treasurer Anne Steer for your hard work and continuing efforts throughout this year and our Minute Secretary Marilyn Buckerfield, who in her first year did a great job with the minutes and our Committee thank you for all your work and great organization in 2021.

I would like to mention all the members who put time into the many jobs that need to be carried out to enable a meeting to go ahead. These include setting up and putting away the hall, the trading table for needed items to grow our orchids, selling raffle and lucky square tickets for much needed fund raising so that we can enjoy our meetings, recording the results of the monthly meetings and setting up supper requirements (when allowed to have supper). Thank you all from the Committee and the members.

Finally, I hope that 2022 will be a year that all members can enjoy our meetings and shows; this is of course dependant on current situations and health advice that is being updated on an ever continuing basis for the safety of all.

May your hobby give you the pleasure that it does me.

Michael Willoughby



ORCHID CALENDAR 2022

[These dates are subject to COVID-19 directives]

DAYTIME CHAPTER

Thursday 10th February 2022 2.00 pm
Lou Kesting Hall , Dover Square, Brighton South
Guest Speaker: Geoff Spear "Cymbidiums"

ANNUAL GENERAL MEETING

Monday 14th February 2022 8.00 pm.
RSL Hall 4 Prince George Parade, Colonel Light Gardens
Election of Officers/Committee and Financial Statement for 2021

MAIN MEETING

Monday 14th February 2022 8.00 pm
RSL Hall, 4 Prince George Parade, Colonel Light Gardens
Guest Speaker: Jane Higgs "Terrestrial Orchids"

SOUTHERN REGION MEETING

Sunday 20th February 2022 2.00 pm
Carrickalinga House, Victor Harbor
Guest Speaker: Phil Steer with Presentation of Flower of the Year and "Plant Awards How does it Happen?"
Learners Group meeting at 1.15 pm.

COMMITTEE MEETING

Wednesday 9th March 2022 7.30 pm
Location to be advised

AUTUMN SHOW

Wednesday 4th May to Saturday 7th May 2022
Seaford Central Shopping Centre

WINTER SHOW

Friday 22nd July to Sunday 24th July 2022
Uniting Church Hall , Township Road, Marion

SOUTHERN REGION SHOW

Wednesday 24th August to Saturday 27th August 2022
Victor Central Shopping Centre

SPRING SHOW

Wednesday 14th September to Saturday 17th September 2022
Seaford Central Shopping Centre

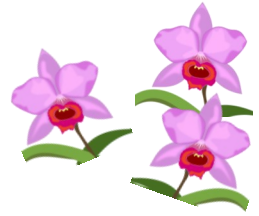


Happy Birthday

**LUCY SPEAR, KEVIN WESTERN, BEV GAY,
ROWAN CROWHURST, JANE HIGGS, SUE CARTER,
GRAHAM LAMBERT, WARREN YELLAND,
ANNE MATTHEWS, BERYL WILSON,
BETH STRONACH, WAYNE MATTSCHOSS,
SHIRLEY GRIEG, BILL TREVASKIS**

Is your name in the Birthday Book ??





December Results List

Ref. No.

Points Awarded

Open Division

Laeliinae - Species

3119	Psh. baculus	Michael Willoughby & Oui Ju (1252)	3
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Oncidiinae - Hybrid < 60mm

3120	Onc. Tiger Brew 'Sweet Gold'	Ron & Irene Parish (477)	3
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Oncidiinae - Species

3121	Onc. phymatochilum	Ron & Irene Parish (477)	3
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Orchid Genera not listed elsewhere - Hybrid

3127	Disa Unicol 'Illegitimacy'	Kevin Western (155)	3
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3128	Disa Unicol 'Illegitimacy'	Kevin Western (155)	2
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Orchid Genera not listed elsewhere - Species

3129	V. tricolor var. dodgsonii	Ron & Irene Parish (477)	3
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3130	V. tricolor 'Memoria Ace Beileiter'	Ron & Irene Parish (477)	2
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Orchid Seedling - any Genera

3131	Paph. hirsutissimum var. esquirolii album	Michael Willoughby & Oui Ju (1252)	3
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Paphiopedilum - Non Standard

3122	Paph. Berenice 'Dee Pee'	Michael Willoughby & Oui Ju (1252)	3
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3123	Paph. Delophyllum	Michael Willoughby & Oui Ju (1252)	2
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3124	Paph. Berenice	Michael Willoughby & Oui Ju (1252)	1
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Paphiopedilum - Species

3125	Paph. hirsutissimum var. esquirolii album	Michael Willoughby & Oui Ju (1252)	3
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3126	Paph. haynaldianum	Michael Willoughby & Oui Ju (1252)	2
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Seedling of the Night

3137	Paph. hirsutissimum var. esquirolii album	Michael Willoughby & Oui Ju (1252)	3
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First Division

Australian Native Epiphyte - Species

3113	Cym. madidum	Peter Haltis (442)	3
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Laeliinae - Cluster

3114	Ctt. Chit Chat 'Tangerine'	Phil and Anne Steer (514)	3
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3115	Ctt. Adelaide Ablaze 'Beverley'	Laurie & Susan Carter (1303)	2
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Oncidiinae - Hybrid > 60mm

3116	Onc. Space Mine 'Red Rendezvous'	Phil and Anne Steer (514)	3
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Orchid Genera not listed elsewhere - Hybrid

3117	Phal. Unknown	Phil and Anne Steer (514)	3
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3118	Phal. Springtime	Phil and Anne Steer (514)	2
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Second Division

Laeliinae - Cluster

3112	Ctt. Gold Digger 'Orchid Jungle'	Beth Stronach (836)	3
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SEEDLING OF THE NIGHT

Paph. hirsutissimum
var. *esquirolii* 'Album'

Grown by
Michael Willoughby & Oui Ju

PLANT COMMENTARY – DECEMBER 2021

Orchid of Open Division Plant of the Night

The plant chosen by the Judges was a beautiful plant of *Paph. Berenice* 'Dee Pee' grown by Michael Willoughby & Oui Ju. This plant carried three lovely inflorescences with the largest carrying five stunning flowers, the other two with three flowers and a bud, and two flowers with two buds. The flowers had great substance and colour contrasts. The purple furred segments carried spotting on the inner parts and provided a lovely contrast to the brownish labellum and dorsal sepal.



**ORCHID OF OPEN DIVISION
PLANT OF THE NIGHT**
***Paph. Berenice* 'Dee Pee'**
Grown By
Michael Willoughby & Oui Ju
Photos Neil Cooper

NOTICE TO ALL MEMBERS

**The wearing of masks is
mandatory at all meetings of the
South Coast Orchid Club**

PLANT COMMENTARY – DECEMBER 2021 cont ...

Orchid of First Division

The Orchid of First Division was a *Cymbidium*, *Cym. madidum* grown by Peter Haltis. A lovely plant well grown with long inflorescences arching underneath the foliage. This plant carried eight inflorescences with varying flower counts, mostly with 20. Colouring was a subtle orange/brown with a lighter labellum.

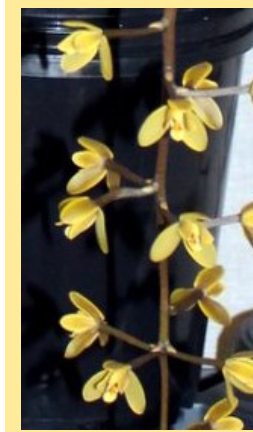
Well done Peter.

Orchid of First Division

Cym. madidum

Grown By Peter Haltis

Photos Neil Cooper



Orchid of Second Division

Orchid of Second Division

Ctt. Gold Digger 'Orchid Jungle'

Grown by Beth Stronach

Photos Neil Cooper

The Judges chose the plant, *Ctt. Gold Digger* 'Orchid Jungle' as the plant of Second Division grown by Beth Stronach. This was a plant with five beautiful clusters of yellow flowers with a striking red labellum. All clusters were standing well up in the lovely clean foliage. This was a very well grown plant in good health.

Congratulations Beth.

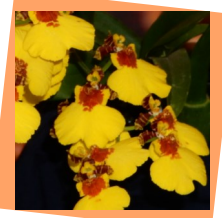
Thank you to our Judges, and Recorders for all your efforts!
Good Growing

Phil Steer
Registrar



DAYTIME CHAPTER

Thursday 9th December, 2021



Hi everyone,

The December meeting of the Daytime Chapter was held at the Morphett Arms Hotel. Seventeen of our members attended our annual Christmas break-up, and enjoyed a two-course meal at a very reasonable price! Most enjoyed the sweets afterwards! It was also good to catch up with former Daytime convenor (and club life-member) Dorothy Carassai at the lunch.



I'd like to take this opportunity to thank all our Guest Speakers this year – a very wide range of topics that covered most of the orchid genera, with tips on fertilising, growing and showing ... covered in an interesting and informative way. Thanks also to all those who donated plants to our raffle table, and exhibited in the Plant of the Day.

Three people I'd like to mention by name are: **Patricia Abell** for all her assistance in running the meetings this year, to **Val Bleechmore**, who has provided our covid-friendly afternoon teas – and a sense of normality, and to Club Treasurer, **Ann Steer** who has given enormous support this year. Thank you ladies!

If, for whatever reason, you find it difficult to attend the Main Meetings at night, you are most welcome to attend our Daytime Chapter on Thursday afternoons. Maybe an option for you in 2022?

Next Meeting : Guest Speaker: **Geoff Spear**
Planning your year - Cymbidiums
 Thursday February 10th – 2pm,
 Lou Kesting Hall, South Brighton.

Andrew Dean



SOUTHERN REGION MEETING Sunday 19th December 2021



Convenor, Chris Heysen, opened the meeting at 2.05 pm welcoming the 28 members present. Welcome also to Guest Speaker, Jane Higgs. Chris reminded members that Covid-19 rules required everyone to log their presence either by phone app or in the special attendance book in the front entrance.

Apologies: Marg Yelland.

Thank you to John Gay for his always informative presentation to the Learners Group. Earlier this month John celebrated his 90th birthday. On behalf of the Club Committee and all members Chris presented John with a small birthday cake and a card.



Guest Speaker: Our Guest Speaker, Jane Higgs, was a panel of one to answer questions from members about orchid culture. Some questions came directly from members present but many had been submitted on paper in advance. However Jane had not seen any of these and did an amazing job answering questions and providing advice across a wide range of topics and genera. Thank you Jane.

New Members: New member kits and plants were presented to Anne Matthews and Robyn Templer.

Birthday Prize: Robyn Templer

Lucky Name Badge: Val Phillips

Lucky Door Prize: Julia Mumford

The raffle was held as usual and Chris thanked all the donors of raffle prizes.

Judging: was carried out by Phil Steer, John Gay and Don Higgs. Christine Robertson undertook the data entry and card printing.

Judges Commentary: Phil Steer



Anne's Christmas Quiz: As a lovely fun surprise for our Christmas meeting Anne had arranged a quiz with Christmas themed questions – the first person with the correct answer to each question picked a prize from a box of gifts provided by the club. One prize per person. Thank you Anne for arranging this!

Kris Kringle: There was a table full of interesting gifts for the Kris Kringle. Well done to all the members who participated!



This is our last meeting for the year and the end of my first year as Convenor of our meetings. Many thanks to all our helpers who enable us to run successfully through the year. To Anne and Phil Steer from the main club in Adelaide; to Christine, Dianne, and Elsie for the vital roles they play; and to our judges Don, Jane and John. And thanks too to Shirley and Don, Dudley and the rest of the team who help set up and take down the hall here for each meeting. Thank you all – and Merry Christmas!!

The meeting closed at 3:25pm



Next meeting – Sunday February 20th 2022 – Guest speaker, Phil Steer, will conduct a presentation of all the plants eligible for Flower of the Year for 2021 and will also present any trophies won by members for that year. Phil will continue with “Plant Awards ... How does it Happen?”



Chris Heysen

0419 386 769

SOUTHERN REGION PLANT COMMENTARY

A nice display of quality and well flowered Orchids, a fitting end to a terrific year!

Orchid of First Division and Plant of the Day

The plant selected by the Judges was grown and benched by Eileen Pinnock and was *Cym. Kuranda*.

Cym. Kuranda comprises two species, *Cym. madidum* and *Cym. suave*. This plant had numerous beautiful inflorescences evenly distributed around the plant. The colour was a subtle orange with a darker red/ brown contrasting labellum.

Congratulations Eileen.

ORCHID OF FIRST DIVISION ORCHID OF THE DAY

Cym. Kuranda

Grown By

Eileen Pinnock

Photos Christine Robertson



Orchid of Second Division

The plant of Second Division was another stunning specimen of a *Phalaenopsis* shown by Genny & Dudley Huxtable. It was *Phal.* Unknown 'Katrina' and was a branching type with multiple flowers on each branch carried a beautiful inflorescence of light cream flowers with contrasting pink labellum. All flowers were ranked on the raceme evenly and looked at you.

Well done Genny & Dudley.



ORCHID OF SECOND DIVISION,
***Phal.* Unknown 'Katrina'**
Grown By Genny & Dudley Huxtable
Photo Christine Robertson

Thanks to Christine for the computer recording and & John & Don for Judging. Keep up the Excellent work!
Looking forward to a terrific 2022 !

Phil Steer
Registrar

December Results List

Ref. No.

Points Awarded

First Division

Australian Native Epiphyte - Hybrid

3120	Cym. Kuranda	Eileen Pinnock (519)	3
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Laeliinae - Cluster

3122	Ctt. Meadii x C. amethystoglossa	Ruth Tugwell (613)	3
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Laeliinae - Non Standard

3123	Rth. Adelaide Silver	Shirley & Don Greig (1128)	3
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Laeliinae - Standard over 100mm

3121	C. Shorewood	Shirley & Don Greig (1128)	3
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Orchid Genera not listed elsewhere - Hybrid

3124	Den. Kenny Green	Eileen Pinnock (519)	3
3125	Ansellia Africana 'Contor'	Eileen Pinnock (519)	2
3126	Bif. tyrianthina	Ruth Tugwell (613)	1

Second Division

Australian Native Epiphyte - Hybrid

3115	Cym. (canaliculatum x James Webeck)	Genny & Dudley Huxtable (279)	3
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Laeliinae - Cluster

3116	Ctt. Valentine Day 'Ren'	Genny & Dudley Huxtable (279)	3
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Orchid Genera not listed elsewhere - Hybrid

3117	Phal. Unknown 'Katrina'	Genny & Dudley Huxtable (279)	3
3118	Phal. Fancy Freckles	Genny & Dudley Huxtable (279)	2
3119	Phal. Magic Art	Genny & Dudley Huxtable (279)	1

***Paphiopedilum* Maudiae and ITS RELATIVES** by Alan Hope

It's a little over one hundred years since Charlesworth & Co. registered *Paphiopedilum* Maudiae (1900). Albinistic (albino) forms of *Paph. callosum* and *Paph. lawrencianum* were used to create this wonderful green & white flowered paphiopedilum hybrid, arguably one of the most popular ever produced. Together with *Paph. Harrisianum* (the first paphiopedilum hybrid, 1869) and *Paph. Leeanum* (1894), *Paph. Maudiae* has had a profound influence on paphiopedilum culture and hybridisation.



***Paphiopedilum* Maudiae**

Paph. Maudiae has proven to be a most successful crossing in terms of both impact and longevity. The first crossing between *Paph. callosum* var. *Sanderiae* and *Paph. lawrencianum* var. *Hyeenum* produced albinistic offspring bearing large glossy flowers with white dorsal sepals veined with green, light green-veined petals and a green labellum. These seedlings were a sensation at the time and many of these plants are still grown today. A well-grown plant of *Paph. Maudiae* 'Magnificum', which received its FCC/RHS in 1901, is still capable of success on the show bench. The *Paph. Maudiae* cross was so popular and had such a significant impact on our hobby that most orchid societies introduced a class for *Paph. Maudiae* in their show schedules.

The successful use of albino parents in the first *Paph. Maudiae* cross was probably not entirely fortuitous, for *Paph. Gowerianum* (*Paph. curtisii* x *Paph. lawrencianum*, 1893) and *Paph. Goultenianum* (*Paph. callosum* x *Paph. curtisii*, 1894) were already known. However, its startling success opened the way for other hybridists to use different parents. The crossing of an albino *Paph. callosum* and a normal coloured form of *Paph. lawrencianum* to produce *Paph. Amy Leeman* (1906) created an interesting dilemma for the RHS in ratifying the chosen name. The RHS decision that both albino and coloured hybrids between the same two species would bear the same name applies equally today. Accordingly, *Paph. Amy Leeman* was renamed *Paph. Maudiae* var. *Amy Leeman*, the first in a long line of the so-called *Paph. Maudiae* 'coloratum types' using normal-coloured forms of the two parent species.

Many other crossings were soon created, using both albinistic and coloured forms of *Paph. Maudiae* as parents. Some wonderful albinistic types appeared. ***Paph. Alma Gavaert*** (*Paph. Maudiae* x *Paph. lawrencianum*) was registered in 1911 while the beautiful green ***Paph. Emerald*** (*Paph. curtisii* var. *Sanderiae* x *Paph. Maudiae*) appeared in 1920.



Paph. Alma Gavaert
'Madame Maurice
Mertens' AM/AOC

Paph. Emerald
'Castle Creek
HCC/OSCOV



Paph. Clare de Lune (*Paph. Maudiae* x *Paph. Emerald*), registered in 1927, had much larger and more impressive flowers. This crossing has since been remade, the cultivar *Paph. Clare de Lune* 'Edgard van Belle' being a further improvement. Some of the early *Paph. Maudiae* 'coloratum' types included ***Paph. Holdenii*** (*Paph. Maudiae* x *Paph. callosum*, 1909), ***Paph. Sunset*** (*Paph. Maudiae* x *Paph. barbatum*) and ***Paph. Ernest Read*** (*Paph. callosum* x *Paph. William Matthews*), the latter parent being a hybrid between *Paph. lawrenceanum* and *Paph. mastersianum*.

It was not until the 1960s that two discoveries stimulated further development in *Paph. Maudiae* - type hybrids. The first was the 1964 discovery of *Paph. sukhakulii*, a Thai species with a large flower and spotted petals. This new species was soon crossed with *Paph. Maudiae* to give *Paph. Makuli*, a well-shaped hybrid with petals held more horizontally than those of the normal *Paph. Maudiae*. A later discovery of an apparently



Paph. sukhakulii



Paph. Makuli

albinistic form of *Paph. sukhakulii* (forma 'Aureum') led to crossings with the green- and white-flowered forms of *Paph. Maudiae*. While attractive, paler-coloured forms of *Paph. Makuli* were produced, they were not true albinos.

The second major discovery in the mid-1960s was of a very dark-red coloured form of *Paph. callosum*, also from Thailand. Named *Paph. callosum* 'Sparkling Burgundy' for its red-wine colour, it opened up a wide range of new hybrid possibilities. In the late 1970s two further dark-coloured *Paph. callosum* plants were found, namely *Paph. callosum* 'Jac' and *Paph. callosum* 'Ebon.' These three plants were used in re-makes of many of the previous *Paph. Maudiae* crosses and have since produced a range of wine-coloured 'Maudiae type' paphiopedilums, commonly referred to as 'vinicolors.'



Paph. callosum

The first truly new hybrid using the new *Paph. callosum* was *Paph. Vintner's Treasure*, registered in 1982. This resulted from a crossing of *Paph. callosum* 'Merlot' (a dark burgundy-red flowered paphiopedilum derived from a 'selfing' of *Paph. callosum* 'Sparkling Burgundy') with *Paph. Kowloon*. The best offspring of this crossing produced elegant, purple-red flowers, generally well displayed on tall stems. These plants had huge appeal and many will remember the scramble to obtain a seedling plant and the inflated price paid for those seedlings. Some successful crosses derived from *Paph. Vintner's Treasure* include ***Paph. Voodoo Magic*** (*Paph. Vintner's Treasure* x *Paph. Goultenianum*), ***Paph. Joanne's Wine*** (*Paph. Vintner's Treasure* x *Paph. Maudiae*) and ***Paph. Dragon Ruby*** (*Paph. Vintner's Treasure* x *Paph. Singapore*).



Paph. Vintner's Treasure



Paph. Voodoo Magic



Paph. Joanne's Wine



Paph. Dragon Ruby

In the last 20 years this line of breeding has progressed and the results are outstanding. The inclusion of other *Paphiopedilum* species in the breeding programs has added size, colour and variety to the *Paph. Maudiae* group, yet retained its appeal. It also raises the question of what now should constitute a 'Maudiae-type' for judging purposes? I would like to see the compatible hybrid forms mentioned above included, rather than assigning these marginally different newcomers to the inappropriate 'Novelty' class.

Those looking for these new seedlings will find our larger shows, orchid fairs and retailers, including mail and Internet orders, the best sources. Some of the crosses include ***Paph. Chateau Margaux*** (*Paph. Macabre* x *Paph. Raisin Jack*), ***Paph. Campbell McPherson*** (*Paph. Purple Velvet* x *Paph. Raven's Flight*), ***Paph. Raisin Candy*** (*Paph. Raisin Pie* x *Paph. Raisin Jack*), ***Paph. Mod Maude*** (*Paph. Maudiae* x *Paph. Red Maude*) and ***Paph. Hampshire Red Star*** (*Paph. Starr Beam* x *Paph. Red Maude*).



Paph. Campbell McPherson
'Castle Creek' HCC/OSCOV

Of the lovely green and white Maudiae types, a well grown plant of ***Paph. Gael 'Camira'*** still does well on the show-bench as does ***Paph. Maudiae 'The Queen'***. Others include ***Paph. Kanunda*** (*Paph. Gael* x *Paph. Meon*), ***Paph. Silver Bell*** (*Paph. Silver Fleuret* x *Paph. Alice Bell*), ***Paph. Bendigo Silver*** (*Paph. Silver Fleuret* x *Paph. Goultenianum*) and ***Paph. Jill Mathers*** (*Paph. Silver Fleuret* x *Paph. Sara Gillis*).



Paph. Maudiae 'Joy' HCC/OSCOV



Paph. Gael 'Memoria
Marcelo Manuel'



Orchid Culture Notes for February

It's the start of another year in the orchid house. This year we have been dealt very varied weather ranging from baking and orchid killing 40°C plus heat to high humidity and high winds and then cooler days but scant rain. A normal cycle should start soon ?? and as the saying goes, it will get hot when the kids go back to school. Note that any heat damage will come out over the next few weeks with leaf marks becoming more evident and leaf drop occurring. The recent humidity will create some fungal issues in the shade house as well, so keep an eye out for any outbreaks and have some fungicide ready in case. Heat damaged plants with damaged leaves and stress are prime targets for pest and disease attack. The physical side of heat damage is easy to spot but remember that heat also damages the plants roots as well. Black pots exposed to the sun overheat and cook the roots. Whilst the top of the plant may come through ok, underneath things are not so good. Then sometime later the plants start to shrivel as they do no longer have a functioning root system. Most of us will put down root loss to poor culture such as over watering or a broken down mix. Just remember, heat can be added to this. Even slugs and snails will be in good numbers awakened by the sudden change in weather.

February is usually the hottest month and with it often comes an increase in the intensity of the north winds, so there is much heat left for us yet. In fact you can still have temperatures nudging the old 100 degree mark as late as the equinox. That's March 21 and the long range forecasts are pointing towards an Indian summer.

I said earlier on that prevention is a key if we are to avoid damage to our plants. It's no use after the event. I have learnt from previous heat events those plants that struggle, and I have provided them with the additional support they needed this time round. The result was only a very small number of plants suffered any damage and there were no losses. Same rules apply to pests. Spray when the moths are active for caterpillars for example. By the time their crop of loopers has started chomping on your orchids half the damage has been done. Get them as they hatch. When the rain stops inspect the orchid house and surrounds for slugs and snails. Be prepared for the next heat event. For some of us, be it age, disability, size of orchid house, whatever, we cannot go to extraordinary lengths to save our plants from the heat but there are some ideas that may lessen the damage. Humidity is your ally and keeping it up high will help. Wet the floors as often as you need to on extreme days. We have two large rubbish bins full of grey water for this purpose. Just don't water the orchids with it but using it for splashing on the shade house sides and floor is a better option than tipping it down the drain. Extra shade will help reduce burning caused by intense light. It will not reduce the damage caused by heat. A wet floor or sides of the shade house will evaporate water. With evaporation there is a release of latent heat. The air cools. Wet your hand and blow on it....it feels cool!

Basically, shade reduces damage by light and the humidity reduces damage by heat. For those with 50% shade cloth, especially the white one the damage this year would have been severe. It's looking like the extreme heat we have experienced the past couple of years may be with us for good each summer. A secondary layer of shade we can roll out over the base layer for a few days whilst the heat is at its worst may become a required item. Otherwise we may have to rethink colours. Of course aspect and location will also have a bearing. My area is very open, no trees or neighbours to shade my yard, so I have to make allowances for that.

Another thing is that we may be forced to stop growing genera that can't handle the heat and concentrate on those that are heat tolerant. My hot house for example apart from foggies has nothing to control the temperature so now only the hard cane Dendrobiums, Cattleyas and a few of the more tolerant Oncidiums spend summer in there, for everything else it is too hot. I have lost some of the real cool growing stuff that I won't replace until I can provide the artificial conditions to keep the temps below 30 all year round.



Orchid Culture Notes for February cont..

Enough of the doom and gloom. Autumn is coming! But it is not here yet. The obvious task is to keep plants moist and ensure all pots are checked regularly to make sure all plants are getting enough water. I lift and feel my pots occasionally. With practice you can tell by the weight of the pot whether or not it is dry. The old finger in the mix test works to test for moisture and of course we can buy moisture meters. By now many genera are completing their growth stage and will be in the process of maturing their growths. Some in readiness for immediate flowering over the autumn and others for winter and spring. These maturing plants should have their diet changed to one with a higher potassium content to help mature the plant as well as strengthen the raceme and improve the colours.

Might be a good idea to look at the presentation of these plans and start working on them now. For example I have a nice *C. Hawaiian Wedding Song* with several new growths all over the place in the pot. They are in sheath but not yet filling out with buds. If I leave it too long the presentation will be like a dogs breakfast and if I try and fix it too late then there is risk to the blooms so I work on it now to straighten the growths up and get them spaced correctly around the pot.

Spraying with a stress guard type preparation is also beneficial as these products reduce the amount of evaporation through transpiration. You will not stop the damage completely but a bit of forethought and action will lessen the damage.

Lets have a look around and see what's on in the shade house this month. By now our autumn flowering *Laeliniiae* complex (*Cattleyas* and *Laelia's*) will have rapidly maturing growths and some already showing emerging spikes. Make sure these spikes and growths are well supported with a stake. Keep water out of the sheaths to avoid fungal rots and spots and make sure the snail baits are on the pot. It often rains this month and it will wake up those slimey fellows. Keep well watered so the spikes remain plump. As some of these developing spikes will excrete a sugary substance you will find ants will be attracted to the spike. They can do a lot of damage as they will eat into the developing spike and they usually bring in a few soft scales as well. Extreme weather can cause buds to abort so bring them inside if it gets real hot (or unseasonably cold) at this stage of initiation.

Oncidiums as a rule will be filling out their pseudobulbs and the odd spike or two will be starting to show. Similar culture to the *Laeliniiae* complex should apply. For those with terrestrials this is the last month for re potting. Still aim to keep them on the dry side after re potting as the disturbance of re potting plus being too eager with hose will have them out too early. Wait till the cooler weather in April for this although there will be early varieties flowering in March. Like any orchid, a knowledge of the species itself or that in the hybrid is important when determining what needs to be done and when.

Native epiphyte growths as usual are all over the place. I even had 2 *Den. speciosum* flower in January. (note *Den. speciosum* var. *capricornicum* can flower very early in the year but these are not that variety) Some are maturing yet others are only buds. As a rule keep the water and feeding up. Watch out for caterpillars as they love new soft growths. Many will have a burnt leaf tip or spot. Leave them until the leaf matures before trimming them. Inspect the new growths and if they are floppy then some part of your culture is not quite right. Too much shade and high nitrogen in the feed are the two main culprits. Don't move them yet to a brighter place as they will burn. Leave that to April. They still may flower in spring.

Zygopetalums will have new growths maturing and evidence of new growths will be evident from the base of these maturing ones signal the start of a new flowering season. Keep moist, feed with a balanced to high potassium based feed and watch out for loopers, especially



Orchid Culture Notes for February cont..

on the undersides of the leaves. They don't eat through, rather they skeletonise the leaf and when that dries looks rather unsightly. A spotted, half eaten Zygo on the show bench doesn't have that appeal. Again place a few snail pellets on the surface of the pot.

Keep Paphiopedilums moist and keep an eye out for mealy bugs. High humidity and fresh air movement is important this time of year. Keep light levels fairly low. As a rule hold your hand about 12 inches above the plant and you should only just see a slight shadow. Full shadow too much light, no shadow a bit dark. This is only a rule of thumb for newer growers of this genus. Feeding is usually a balanced feed at half or less of the manufacturer's recommendations. If you can, try and flush your Paphs out occasionally with rainwater to remove salt build up from tap water and fertiliser. Adelaide water is loaded with extra salt over the summer. They will love you for it. A flush is usually two or three waters say an hour apart. The first softens and dissolves some of the salts, the second and third gets the rest. Collect the waste water and use that to wet your floors later when it's hot.

For other genera it's a matter of treating them in accordance with their growth habits although in most cases they will be in a growth mode.

February is a dry month on the show bench and apart from a few plants there won't be much else out. Even with my collection, finding enough to show will be difficult, even more with many that have flowered showing the affects of the heat. Bring in what you can. If it has a burn or a spot I am sure your plant won't be alone.

February will end and the extreme heat of summer maybe a couple of weeks later. March will be upon us and with it those cooler nights. Most of our plants will survive this summer and we need to be a little more caring to see them through it and help in the recovery stakes.

Steve Howard

PLANT OF MONTH - *Phalaenopsis equestris*

Phalaenopsis equestris occurs on the Island of Luzon in the Philippines to Taiwan at 0-300m near streams in hot valleys.

The plants have 3-5 leaves that are long, oblong, bright green, fleshy, and drooping.

Mature plants can have up to 14 inflorescences with several produced each year. The spikes are purple, stiff, zigzag, suberect, simple or branching and continue to bloom for years. They carry 10-15 flowers per inflorescence opening 2-3 at a time over a period of months.

Flowers are 2.5-3.8 cm across but enlarge as the spike elongates. The sepals are flared back. They are usually white variably flushed with pink and may be marked with purple, orange or pink. Lip is rose with yellow side lobes.

This species has been very widely used in hybridising with 557 first generation offspring and total progeny of over 23,000.

Phalaenopsis equestris has been awarded numerous times especially in America but also in Germany, New Zealand, Taiwan, Philippines and Brazil. In Australia the plant has been awarded twice [1AM, 1HCC].



ORCHID CLUBS IN SOUTH AUSTRALIA **General Meeting Times**

THE SOUTH COAST ORCHID CLUB OF SOUTH AUSTRALIA: Whilst COVID restrictions are in place the Club meets on the Second Monday of the month at RSL Hall, 4 Prince George Parade, Colonel Light Gardens. at 8.00p.m.

THE DAYTIME CHAPTER: meets at the Lou Kesting Hall, off Broadway, South Brighton on the second Thursday of the month at 2.00p.m.

THE SOUTHERN REGION: meets at Carrickalinga House, 17-19 Torrens Street, Victor Harbor at 2.00p.m. on the 3rd Sunday of the month.

THE ORCHID CLUB OF SOUTH AUSTRALIA: meets at 8pm in The Enfield Community Centre, 540 Regency Road, Enfield on the 1st Thursday of the month.

Daytime Group: meets from 2.00p.m. to 4.00p.m. in the Enfield Community Centre, 540 Regency Road, Enfield on the 2nd Friday of the month.

THE MURRAY BRIDGE AND DISTRICT ORCHID CLUB: meets at 1.45pm in the Seventh Day Adventist Hall, corner Myall Avenue and Standen Street, Murray Bridge on the 4th Sunday of the month.

NORTHERN AND EASTERN DISTRICTS ORCHID SOCIETY: meets in St. Philip's Church Hall, Galway Avenue, Broadview from 7.30p.m. on the 3rd Thursday of the month.

THE SOUTH AUSTRALIAN ORCHIDACEOUS SOCIETY: Meets at the Adelaide West Uniting Church Hall, 312 Sir Donald Bradman Drive, Brooklyn Park from 7.30p.m. on the 3rd Wednesday of the month.

THE NATIVE ORCHID SOCIETY OF SOUTH AUSTRALIA: meets at 7.30p.m. at St. Matthew's Church Hall, Bridge Street, Kensington on the 4th Tuesday of the month.

THE CYMBIDIUM CLUB OF SOUTH AUSTRALIA: Meets at 7.30p.m. at Burnside Community Centre, 401 Greenhill Road, Tasmore on the 4th Wednesday of the month.

Our Affiliated Clubs:

The Murray Bridge and Districts Orchid Club.

The Orchid Club of S.A. Inc.



AFFILIATED CLUBS

Murray Bridge and District Orchid Club Inc.
Orchid Club of South Australia

If unclaimed please return to
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E. & O. E.**