

The Queensland Orchid Society Inc.



QOS official website www.qos.org.au

PO Box 1153
Capalaba QLD 4157
Australia

August 2016 Volume 56 Number 7

Bulletin

Patron	Governor of Queensland	His Excellency the Honourable Paul de Jersey AC,
President	Mr. Barry Kable	kableab3@bigpond.com 07 38245931
Secretary	Mrs Ann Kable	qos.secretary@bigpond.com 07 38245931
Treasurer	Mr. Nick Woolley	nmwoolley@optusnet.com.au 07 3201 6414
Editor	Mr. Kev Horsey	qos.editor@optusnet.com.au 07 3281 9203

Next General Meeting at 8pm on 8th August, 2016

Venue: Red Hill Community Sports Centre
22 Fulcher Road, Red Hill, QLD 4059

Next Committee Meeting at 10 am 17th August, 2016

At the Home of Barry & Ann Kable
At 281 Redland Bay Road Capalaba

Affiliated Societies, Judging Roster for August 2016

<u>Beaudesert O & F.S.</u>	3rd Wednesday	@ 7.30pm	David Buhse. Kaye Buhse. Lynn Calligros.
<u>Brisbane O.S.</u>	4th Monday	@ 7.45pm	Lynda Rapkins. Les Vickers. Brent Nicoll.
<u>John Oxley O.S.</u>	2nd Wednesday	@ 7.30pm	Don Nitschinsk. Brent Nicoll. Reg Illingworth.
<u>Logan & District</u>	3rd Tuesday	@ 7.45pm	Don Nitshinsk. Michael Billau. John Roberts. Linda Rapkins
<u>Ipswich O.S.</u>	1st Wednesday	@ 7.30pm	Gary Yong Gee. Maree Illingworth

Judges for Q.O.S. General Meeting on 8th August 2016

Ken Webster. Linda Rapkins. Les Vickers. Reg Illingworth.

Judging Starts 7.45

August Meeting Information

Guest Speaker is Callyn Farrell

The Subject is Australian Native orchids.

Visiting Society in August

Ipswich Orchid Society
West Brisbane Orchid Society

The Queensland Orchid Society Inc. founded on Wednesday, 24th January 1934

Members who contribute to this Bulletin endeavor to assure the reliability of its contents.

Any cultural advice provided is a guide only and may not suit individual growers.

It is the responsibility of the individual to validate such advice before applying suggested methods.

The Society welcomes potential members to come to the general meetings as our guests, and advises those wishing to join us, that subscription fees (in Australian Dollars) are
\$20 for a single, \$25 for a family from 1st January
\$10 for a single, \$12.50 for a family from 1st July

Other Orchid Societies interested in affiliating with us are advised that **Society Affiliation is \$30**
Payable on the 1st January each year.

THE QUEENSLAND ORCHID SOCIETY INC. GENERAL MEETING MONDAY 11th July 2016

AT RED HILL COMMUNITY SPORTS CENTRE, 22 FULCHER ROAD, RED HILL

MINUTES

Judging to commenced at 7.45pm

Barry reminded members to get their raffle tickets from Greg Molloy, the prizes are a variety of well grown Orchid plants & sundry items. Please sign the attendance book.

The President Barry Kable declared the General Meeting open at 8.00pm.
Welcome to Members, Visitors & Judges.

Present: As per Register 21

Apologies: Alf & Kaylene Filia, Ian Kidd, Ken Webster, Gordon Grant, Jan McKenzie & Anne Gibbard.

Visitors: 4

Minute Silence: President Barry Kable asked all to stand for a minute silence for Tom Jenkins, he passed away on Tuesday 28th June 2016 aged 90, Tom joined QOS in April 1962 over 50 years ago. He has held many positions over the years including Liberian, Publicity Officer and Minute Secretary. He was honoured with Life Membership in 2009. In later years Tom & Marella would be found on the door welcoming people to the shows. Tom was a member of 4 Orchid societies and a Freemason and active member in his church, and there were many representatives and friends at his funeral which was held at the Ashgrove West Uniting Church on Monday 4th July. Tom's cheerfulness and sense of humour will be sadly missed, a gentle gentleman of the first order. We extend our sympathy to Marella and family.

Nominated Judges for July: Michael Billiau, Gary Yong Gee, Les Vickers, John Rooks
Associates Judges: Ken Haase, Helen Vickers.

Guest Societies: Beaudesert & District Orchid Society, North Brisbane Orchid Society.

New Members: Nil

Financial Report: Treasurer Nick Woolley to present Financial Report for June 2016.

Balance Brought Fwd. \$52,489.91

Income \$ 98.21

Expenditure \$ 160.10

Cash Book Balance \$52,428.02 (Copy of report was tabled)

Moved by Nick Woolley and Seconded by Kevin Horsey

Correspondence: Your committee has attended to routine correspondence. (Newsletters show Schedules & other sundry notices are on sign in table)

General Business:

- Guest Societies tonight; Ian Broad spoke on behalf of North Brisbane Orchid Society, the society was formed in 1966 this is their 50th year. They have a day meeting on the second Tuesday of the month and night meeting on the forth Thursday. They hold one show a year it will be on the 27th & 28th of August at Mt Coot-tha all are welcome to bench & sell plants.
- Michael Billiau the Editor of Beaudesert District Orchid Society said they have a new President and secretary this year they meet at the Canungra School of Arts Hall on the third Wednesday of the month they will be holding a Christmas in July next week. They have two shows a year the Spring one will be on 10th & 11th September.

Thank you to both societies for benching orchids.

Societies for August will be Ipswich & West Brisbane Orchid Societies.

- Ekka – The display for Orchid Societies of South East Queensland will be on again, will need orchids if you want to do a Morning or Afternoon shift on stand see Ann.
- Albert Gibbard will be selling product at general meetings, it was agreed that we will trial it. A lot of members may find it hard to get bark & stuff. He has not set product up tonight but he has bark in his car see him if you need any.

Members can sell plants at monthly meeting –but you have to do it yourself, no commission taken. 2 members have plants for sale tonight.

- The Spring show is only 2 months away it will be on 8th & 9th October set up on 7th. Get your sale plant ready also your benched plant, help will be needed all week-end. Barry said orchids need to be well potted, clean free from disease. Flowering orchids sell best.
- The orchid that was given to members for QOS 80th was on display, good colour but shape was not the best.
- The committee would appreciate suggestion for guest speakers, or topics you would like spoken about, also what write ups you would like in the Bulletin, this is your society tell us what you want.

Any Other Business:

- Reg McIlwain said he is selling his collection see him for more details.

Supper:

Tonight Guest Speaker:

- Graham Corbin his subject is genus Pterosylis. It was an excellence presentation. Thank you Graham, he was presented with a small token.

Raffle:

- Plants or QOS glasses

Benching Results: Read by Judges

- 1st in Judges Choice Species gets a plant. Cestichis latifolia
- 1st in Judges Choice Hybrid gets a plant. Cattleya amethystoglossa x Cattliathe Aussie Sunset.
- Special Interest Plant gets a plant. Cestichis latifolia
- Lucky Exhibitor gets a plant. J & D Rooks
- There were 30 plants exhibited by 8 exhibitors and 11 plants exhibited by Guest Societies.

The next General Meeting will be on 8th August 2016 at Red Hill Community Sports Centre, 22 Fulcher Road, Red Hill.

Thank you to all who helped tonight, Margaret & her helper, Raffle ticket seller, Plant Recorders, Judges. Members who exhibited plants, visitors.

President closed the meeting.

Special Interest Plant Of The Month

July 2016

PLANT NAME: *Cestichi. Latifolia (Lindi) pfitzer*



OWNER'S NAME: Gary Yong Gee

JUDGE'S COMMENT: A Very Attractive plant and very well Grown

OWNERS COMMENTS

Housing : Polycarbonate covered Greenhouse with misting system under humidistat & thermostat Control Misters help keep summer temp below 30 'c .

Watering : Overhead Watering System with collected rainwater every two days in summer in the afternoon around 5pm. In Winter about twice a week in the morning around 9am. Plant is not allowed to remain dry for long periods.

Feeding Program : Once a week with Horticultural Solutions HSO22 from September till December then HSO12 for remainder of the Year.

Potting Medium : 8: 1 ratio jumbo Perlite & Peat Moss

Other Cultural Comments : Plant flowered 6-8 weeks ago from two other growths so seems to be very rewarding with showy flowers that last about 7-10 days.

Vale - Tom Jenkins (July 1925 - June 2016)

Thomas (Tom) passed away on the 28th June 2016 aged 90. Tom's packed funeral at the Ashgrove West Uniting Church on Monday the 4th July was a testament of his life as a loving husband, father, orchid enthusiast, Freemason and stalwart of his church's congregation.

Tom was a member of four orchid societies and was a great believer that membership of an organization carried with it an obligation of service. Tom joined the Queensland Orchid Society in April 1962. During his more than 50 years as a QOS member, he held many positions in the Society including Librarian, Minute Secretary and Show Publicity Officer. In 2009, Tom was made a Life member of QOS.

Despite his advancing years, Tom remained active. In recent times, Tom & Marella would be found on the door welcoming people to QOS shows at Mt Coot-tha. Tom was known and respected for his cheerfulness and keen sense of humour and will be sadly missed, especially by the ladies in the kitchen, who always made sure that his needs for sustenance were regularly met! Tom was a gentleman of the first order and will be fondly remembered by his many friends and colleagues. We extend our heartfelt sympathy to Marella and the family.



Benching Results for July

2016



JUDGES' CHOICE - HYBRID

- | | | |
|---|---|---------|
| 1 | <i>C. amethystoglossa</i> 'Jaguar' x Ctt. Aussie Sunset | |
| | | Haase K |
| 2 | | |
| 3 | <i>Onc.</i> Twinkle x <i>Onc. ornithorhynchum</i> Callaghan | P & P |

JUDGES' CHOICE - SPECIES

- | | | |
|---|---------------------------|---------------|
| 1 | <i>Cestich. latifolia</i> | Yong Gee G |
| 2 | <i>Cyc. warszewiczii</i> | Yong Gee G |
| 3 | <i>Paph. insigne</i> | Vickers L & H |

GUEST SOCIETY NORTH BRISBANE.

- | | | |
|---|--|---------------|
| 1 | <i>Onc.</i> Twinkle 'Fragrant Fantasy' | Board I |
| 2 | <i>V. limbata</i> * | Gibbard A & A |
| 3 | <i>Phal.</i> Unknown | Gibbard A & A |

GUEST SOCIETY BEAUDESERT

- | | | |
|---|--|---------------|
| 1 | <i>Den.</i> Anching Lubag x <i>Den.</i> Discolor | Billiau M & B |
| 2 | <i>Ons.</i> Wildcat 'Carmela' | Billiau M & B |
| 3 | <i>V.</i> Yeo Geck Bee 'Lavender Lady' | Billiau M & B |

CATTLEYA EXHIBITION OVER 90mm:

- | | | |
|---|--------------------------------|-----------------|
| 1 | <i>Lc.</i> Drumbeat 'Heritage' | Callaghan P & P |
|---|--------------------------------|-----------------|

CATTLEYA NON EXHIBITION

- | | | |
|---|---|-------------|
| 1 | <i>C. amethystoglossa</i> 'Jaguar' x Ctt. Aussie Sunset | Haase K |
| 2 | <i>Ctt.</i> Kauai Starbright | Rooks J & D |
| 3 | <i>C.</i> Lana Coryell | Rooks J & D |

DENDROBIUM

- | | | |
|---|---------------------------|-----------------|
| 1 | <i>Den.</i> Burana Stripe | Callaghan P & P |
|---|---------------------------|-----------------|

PAPHIOPEDILUM EXHIBITION

- | | | |
|---|---------------------------------------|---------------|
| 1 | <i>Paph.</i> Leeanum 'Toby' | Vickers L & H |
| 2 | <i>Paph.</i> Carmen Coll 'Sweet Pink' | Vickers L & H |

ONCIDIUM ALLIANCE:

- | | | |
|---|---|-----------------|
| 1 | <i>Onc.</i> Twinkle 'Fragrant Fantasy' | Callaghan P & P |
| 2 | <i>Ons.</i> Twinkle x <i>Onc. ornithorhynchum</i> | Callaghan P & P |
| 3 | <i>Onc.</i> Twinkle 'Red Fantasy' | Callaghan P & P |

ANY OTHER GENERA:

- | | | |
|---|----------------------------|----------------|
| 1 | <i>Phrag.</i> Noirmont | Haase K |
| 2 | <i>Phcal.</i> Kryptonite | McIlwain R & T |
| 3 | <i>Phrag.</i> Green Hornet | Rooks J & D |

SPECIES SYMPODIAL

- | | | |
|---|---------------------------|---------------|
| 1 | <i>Cestich. latifolia</i> | Yong Gee G |
| 2 | <i>Cyc. warszewiczii</i> | Yong Gee G |
| 3 | <i>Paph. insigne</i> | Vickers L & H |

SPECIES MONOPODIAL

- | | | |
|---|----------------------|---------|
| 1 | <i>Rhy. gigantea</i> | Haase K |
|---|----------------------|---------|

NOVICE

- | | | |
|---|---------------------------|----------|
| 1 | <i>Epi.</i> Topaz Delight | Walker K |
|---|---------------------------|----------|

AUSTRALIAN NATIVE SPECIES

- | | | |
|---|---------------------|------------|
| 1 | <i>Vap. bigibba</i> | Yong Gee G |
|---|---------------------|------------|

Orchids with an '*' asterix' after the name indicates the plant has been registered.

Please change your name tag.

SHOWS FOR August 2016

Logan & District O.S.

27th/28th August, Springwood Rd State School Hall

North Brisbane O.S.

27th/28th August, Auditorium Botanic Gardens Mount Coot-tha

Maroochydore O.S.

5th/6th August, Millwell Road Community Hall behind Myer Carpark.

Gold Coast Dist, O.S.

2nd/3rd September Albert waterways Community Centre Mermaid Waters

Callyn Farrell at the August Meeting

Callyn Farrell has been actively involved in the orchid community for the past decade, after inheriting the 'orchid bug' from Grahame Young, his grandfather at a very young age. After working since the age of 14 at Wallsend Nurseries in Newcastle, NSW Callyn also developed a deep understanding of general horticulture, which aided in producing a solid cultural plan for Down Under Native Orchids. In 2013 he was made an associate of the ANOS NSW panel and in 2014 he joined the newly formed ANOS Victoria panel working alongside Peter Adams and Sheryl Lawson before moving to Brisbane earlier this year. Callyn is also an associate Australian Orchid Council judge after passing the training course in early 2014. In Callyn's presentation he will talk to us about his culture and how Grahame actually does all the work!, his future breeding lines and his vision for Australian Native orchids. And finally he will touch briefly on the history of Down Under Native Orchids and the results produced by their breeding lines. Callyn will have plants for Sale.

On the Bench

Photography by Reg Illingworth

Judges Choice Hybrid



Plant :- *C. amethystoglossa* 'Jaguar' x Ctt. Aussie Sunset
Grower :- Haase K

Judges Choice Species



Plant :- *Cestich. latifolia*
Grower :- Yong Gee G



Cattleya Over 90 mm
Plant :- *Lc. Drumbeat* 'Heritage'
Grower :- Callaghan P & P



Cattleya Non Exhibition
Plant :- *C. amethystoglossa* 'Jaguar' x
Ctt. Aussie Sunset
Grower :- Haase K



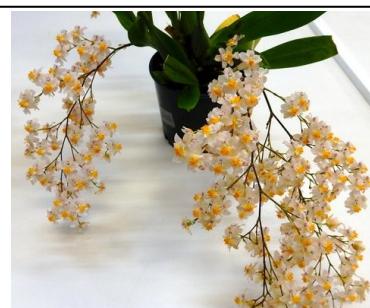
Species Monopodial
Plant :- *Rhy. gigantea*
Grower :- Haase K



Paphiopedilum Exhibition
Plant :- *Paph. Leeanum* 'Toby'
Grower:- Vickers L & H



Australian Native Species
Plant:- *Vap. bigibba*
Grower:- Yong Gee G



Oncidium Alliance
Plant:- *Onc. Twinkle* 'Romantic'
Grower :- Callaghan P & P



Dendrobium
Plant:- *Den. Burana Stripe*
Grower:- Callaghan P & P



Any Other Genera
Plant :- *Phrag. Noirmont*
Grower :- Haase K



Novice
Plant :-*Epi. Topaz Delight*
Grower :- Walker K

Cost Effective Temperature Control and the Diurnal Dilemma

Richard Mollee

Flowering orchids can now be easily purchased at any time of the year, however, reblooming these orchids is often significantly more challenging. Commercial growers commonly use artificial cooling to induce flowering in orchids outside of their typical blooming season. Such artificially controlled conditions are not usually available to most hobbyists, prohibited in large part due to high initial set up, and ongoing running costs. Fortunately, good culture is easily achievable without costly artificial heating or cooling if planned for appropriately. Most affordable temperature control techniques are centred upon the concept of insulation, slowing the absorption of heat to remain cooler, or minimising the loss of heat to remain warm. Each grower needs to determine which technique is best for their collection, as well as the scale that is necessary.

Few hobbyists are content to cultivate orchids considered 'easy to grow' in their locality. The majority of us have more typically assembled a mixed collection, including genera originating from vastly different climates, some of which have very different cultural requirements. Yet, despite providing the correct light, air flow, humidity, watering and fertiliser to these particular plants, their failure to thrive leads to the general consensus "you can't grow them here". The failure for growers to rebloom otherwise healthy plants, originally cultivated in a different region, is often attributable to diurnal fluctuation.

Diurnal variation refers to the difference between night and daytime temperatures, and is believed to be crucial to induce flowering for a wide range of orchids. This factor is often overlooked when orchids are cultivated beyond their natural range. However, all is not lost, as even though the minimum-maximum temperatures may differ significantly throughout the year, the difference from month-month diurnal changes may not be as significant. Therefore, understanding the climate in an orchid's natural habitat can help us to better appreciate their temperature needs, and consequently, their expected flowering season. Furthermore, implementing cost-effective temperature control strategies can reward growers' efforts to re-bloom their orchids.

Cooling

Passive cooling can be achieved through the employment of a range of cost effective techniques that can be implemented on a short-term or even permanent basis. Additional shading is perhaps the first method of reducing temperatures inside the orchid house during the day. As a temporary measure, palm fronds or similar branches can be laid on the roof to help reduce temperatures and help avoid sunburn to your orchids. A more seasonal approach is to add another layer of shade cloth over the roof and western side of the orchid house. Such measures may not be suitable as an all-year-round solution, because winter light levels may be adversely affected, warranting the removal of any added summer shading. If a high diurnal change is required in the summer months, be careful not to implement too many daily temperature-reducing strategies, or you risk having only small diurnal differences.

Most orchids can withstand short-term extreme temperatures when coupled with high humidity, which helps to reduce stress from high rates of evapo-transpiration. Consequently, damping down the floor of the orchid house, where the floors are sprayed with water, can help to maintain humid conditions. To this end, care must be taken when considering the flooring material. Fine gravel is often preferred for this purpose, and is long lasting. An additional damping down at dusk can help to increase the diurnal variation in the summer months. An alternative or additional measure to this is to fill some containers, such as buckets with ice or cool water. The high specific heat capacity of water will help to keep the orchid house cooler as significant heat energy can be absorbed before the temperature of the water rises significantly. Such containers can also help to maintain high levels of humidity, especially when coupled with good air movement.

Dendrobium speciosum



Air movement is particularly important during times of high temperatures, as stagnant air will beat up faster than free-flowing air. To avoid this, ensure cross ventilation, whereby fresh air enters one end of the orchid house and moves through to exit at the opposite end, is operating effectively. You can always check your orchid house for its air movement by cutting up strips of plastic from a shopping bag and tying them at various locations. This is an easy way to observe air flow, as even the slightest breeze will move them. Any strips that remain still, will reveal pockets of potentially stagnant air, and help you to identify where to address improvements in the orchid house such as reducing overcrowding. Any containers of water will be best placed towards the end of air inflow so that the moving air passes over the water, providing an evaporative cooling effect. Finally, the positioning of any heat-sensitive orchids should also be taken into consideration. The ground level can be several degrees cooler than higher up in the orchid house. Exploiting these microhabitats, even seasonally in a mixed orchid collection, can be the difference between a growers' success and failure to bloom their plants. Further modifications can be made at an individual plant level by taking steps to ensure the roots remain cool. If high temperatures are an issue, then growers should consider avoiding the use of black plastic pots. Black objects absorb heat significantly more than lighter colours indicating that pale coloured or clear pots would assist in minimising heat absorption in the orchid house. Better still would be the adoption of porous terracotta pots that can be saturated to reduce the temperature of the root zone and the orchid house. This acts to provide a degree of insulation, protecting the roots from heating up and drying out, whilst simultaneously increasing the humidity around the plant. Even if the growing pot is placed inside a larger terracotta one, it is a technique that can also be applied at dusk to help to increase the diurnal variation to initiate flowering.

Heating

As the heat of summer passes into the autumn and winter months, many growers become concerned about the cold. As we are essentially dealing with the opposite problem of high temperatures, it makes sense to consider undertaking the reverse approach to the strategies outlined above, and employ a combination of heat absorption and insulation techniques. The most effective strategies will vary depending on individual locations, orchid house construction materials and orientation.

Regardless of the type of orchid house, winter is the time to maximise the amount of light entering it, within the tolerance limits of the orchids of course. This may mean removing additional shading that was needed to reduce the heat of summer. As the amount of daylight is reduced, there is less time for heat absorbing material to work. Additional material such as stone, brick, concrete blocks, containers of water and black pots can all be used to absorb heat energy during the day and release it slowly through the evening, warming the ambient temperature inside the orchid house. Maximising this heat absorption, should be coupled with effective heat loss minimisation techniques.

The opaque or transparent materials to insulate orchid houses have improved in quality considerably over the past decades. A range of more UV stable plastics and polycarbonate materials can be effectively used for longer periods outside than ever before. More and more growers now add plastic covers to their orchid houses, with the aim of keeping the internal air of the orchid house warmer for longer. A double layer is more than twice as effective as the trapped layer of air in-between remains fairly stable. An alternative to this is the installation of bubble-wrap type plastic. Less UV stable but more insulated than a single layer of plastic, it is worthwhile for growers to experiment in order to get maximum benefit for their efforts. A special note of caution is needed here, as care must be taken not to limit air flow in the orchid house or to create an environment more suited to disease than to the growth of the plants. This may necessitate rolling up plastic sides or opening air vents or doors to allow fresh air in to the orchid house. Ideally this is done during warm periods or as observation and experience dictates.

A maximum-minimum thermometer is a great tool to help understand the variations of your growing conditions, and is recommended for novice and experienced grower alike. They will reveal if the diurnal variation is too small to initiate flowering, and help inform you of the effectiveness of any modified practices. If, however, all this seems like more trouble than it is worth for a handful of warmer growing orchids, then consider finding a suitable location inside the home for the cool winter months. Many orchids will be more than happy for a short time indoors if their basic needs are met, with their flowers lasting longer too.

Richard Mollee



Iwanagara Apple Blossum



TAPS

The Australian Paphiopedilum Society

INVITATION

TAPS would like to invite your Society and Members to join us for a special presentation by SAM TSUI of ORCHID INN, BLOOMINGTON USA on Friday 19th August.

SAM will present a new program on *Paphiopedilum sanderianum*

Any flasks ordered from SAM'S latest flask listing can be collected at this meeting.

Meeting starts at 7.30pm

Trades & Labor Building,

2nd Floor

Cnr Grey & Peel Street,

South Brisbane

Underground car parking available

Please RSVP auspaphsociety@gmail.com by 1st August for catering purposes.

Gold Coast District Orchid Society Spring Show 2016

Frid. 2nd September 8am-

4.30pm Sat. 3rd

September 8am-3.00pm

**Set up Thursday 1st Sept. 3.00pm-
6.00 Judging Starts 7pm**

Albert Waterways

Community Centre Cnr

Hooker Blvd & Sunshine

**Blvd Mermaid Waters (Opp.
Pacific Fair)**

Fully Judged Show, Cash Prizes

Sale of Quality Orchids and Bromeliads

by top Queensland and Interstate Nurseries

Refreshments & Raffles. Admission \$4.00

Bus Groups Welcome

All Enquiries to Show Co-coordinator 0417 504 838