

# *The Queensland Orchid Society, Inc.*

*October 2019 Bulletin*

Volume 60 Number 9



**The Society was founded on 24 January 1934**

## **Special Interest Plant of the Month September 2019**



Plant Name: *Dendrobium leporinum*

Grown by: Ken Haase

*Ken's comments are on page 7*



*Q.O.S. proudly supports*



*The Queensland Children's Hospital Foundation*

# **The Queensland Orchid Society, Inc.**

**www.qos.org.au**

**PO Box 1153  
Capalaba Qld 4157**

## **Patron**

**His Excellency, the Honourable Paul de Jersey AC  
The Governor of Queensland**

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<b>Editor</b>	Mr Peter Callaghan	editorqos@bigpond.com	07 3855 1643

**Next General Meeting:** 8.00pm, 14 Oct 2019 at the Red Hill Community Centre, Fulcher Rd, Red Hill

**Next Committee Meeting:** 10.00am, 23 Oct 2019 at the home of Kevin & Margaret Horsey, 110 Aspinall St, Leichhardt

## **October Meeting Information**

**Guest Speaker:** No Guest Speaker in October

**Guest Societies:** No Guest Societies in October

**Judges for Q.O.S. General Meeting 14 October 2019:** Robert Reitano, Les Vickers, Helen Vickers

**Judging starts at 7.45 pm**

Members who contribute to this Bulletin must endeavour 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 the annual subscription fees (in Australian Dollars) are:

**\$10 for a single, \$12.50 for a family** from 1st July

**\$20 for a single, \$25 for a family** from 1st January

## **AFFILIATED SOCIETIES**

Other orchid societies interested in affiliating with us are advised that Society Affiliation is **\$30** pa.

### **Affiliated Societies Judging Roster for October 2019**

<b>Beaudesert O. &amp; F. S.</b>	Wednesday 17 Oct	@ 7.30pm	Michael Billau, David Poulgrain
<b>Brisbane O.S.</b>	Monday 22 Oct	@ 7.45pm	Les Vickers, Helen Vickers, Brent Nicoll
<b>Ipswich O.S.</b>	Wednesday 2 Oct	@ 7.30pm	Reg Illingworth, Maree Illingworth
<b>John Oxley O.S.</b>	Wednesday 9 Oct	@ 7.30pm	David Poulgrain, John Buckley, Reg Illingworth
<b>Logan &amp; District O.S.</b>	Tuesday 16 Oct	@ 7.45pm	David Poulgrain, Ken Haase, Adrian Bergstrum, Jan Teufel

# QOS SPRING SHOW

**When:** Friday 11 October (setup), Saturday and Sunday 12 and 13 October

**Where:** Belmont Shooting Complex  
1485 Old Cleveland Rd, Belmont.

**Times:** As per last month's Bulletin.

**Your assistance is required to make the show a success!**

We still have vacancies for assistance on:

**Friday:** setting up, kitchen, plant sales area, stewarding during judging

**Saturday:** plant sales area, kitchen, plant minding

**Sunday:** plant sales area, kitchen, plant minding, cleaning up after the show closes.

If you are able to assist, even if it is only for a couple of hours, please contact Ann Kable on 3824 5931.

Also, it would be appreciated if members assisting with setting up on Friday could bring a slice or cake for the Judges' supper after the judging has been completed.

## 85th ANNIVERSARY LUNCHEON

**When:** Saturday 26 October

**Where:** Easts Leagues Club  
40 Main Avenue  
Cooparoo

**Guest Speaker:** Noted author Dr Jim Lergessner

**Cost:** \$25.00 per person

**Time:** 11.30am for 12.00 noon

Tickets will be available at the October Society Meeting, or contact Ann Kable (3824 5931) if you will not be at the meeting. Payment can be made by cash at the meeting, or by direct debit to the Society Bank Account using your surname as a reference:



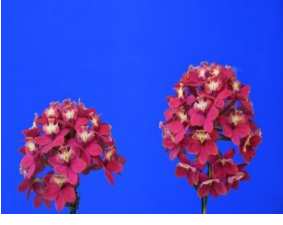


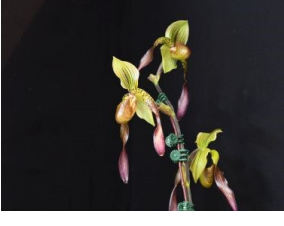


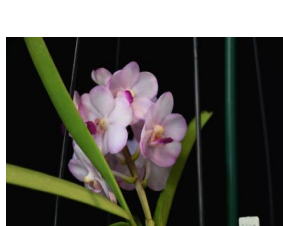

BSB 633000 Account Number 159198878.

**If you intend to come to the lunch and haven't advised Ann yet, please let her know asap as we have to give final numbers to the venue immediately after the October Society Meeting.**



# Benching Results September 2019



	<b>Cattleya Exhibition Over 90mm</b> 1 <i>Cattleya</i> Vickie Andrews G Grant  2 <i>Rhyncholaeliocattleya</i> CRB'S Mission K & M Horsey  3 <i>Cattleya</i> Elusive Dream 'Rose' K & M Horsey		<b>Cattleya Exhibition Up To 90mm</b> 1 <i>Cattleya</i> Hawaiian Snow Candy * J & H Rutter  2 <i>Cattleya</i> Hsinying Little Mary * I R Kidd  3 <i>Cattleya</i> Elusive Dream 'Peace' J & H Rutter
	<b>Cattleya Non- Exhibition</b> 1 <i>Epidendrum</i> Topaz Special 'Elegante' K Haase  2 <i>Rhyncatthe</i> the Shinfong Little Sun G & F Webb  3 <i>Epidendrum</i> Topaz Glory 'Apples' K Haase		<b>Dendrobium</b> 1 <i>Dendrobium</i> Cherry Dance 'Chaya Praya' K Haase  2 <i>Dendrobium</i> Hawaii Spectacular P & T Callaghan  3 <i>Dendrobium finisterrae</i> x <i>eximium</i> K & A McGinn
	<b>Paphiopedilum Exhibition</b> 1 <i>Paphiopedilum</i> In-Charm Space * I R Kidd  <i>Only 1 plant benched</i>		<b>Paphiopedilum Other</b> 1 <i>Paphiopedilum</i> Bernenice G Grant  2 <i>Paphiopedilum</i> Cloud's Robot Chicken I R Kidd  <i>Only 2 plants benched</i>
	<b>Oncidium Alliance</b> 1 <i>Oncidium</i> Twinkle K Haase  2 <i>Oncidium</i> Tiger Crow 'Special Gold' K & A McGinn  <i>Only 2 plants benched</i>		<b>Oncidium Tolumnia</b> 1 <i>Tolumnia</i> Millbank Spots * G Grant  2 <i>Tolumnia</i> Capalaba Queen K Haase  3 <i>Rodrumnia</i> David Butcher x <i>Tolumnia</i> Willowbank Strawberry K Haase
	<b>Vandaceous</b> 1 <i>Vandachostylis</i> Viboon Velvet 'Korat' K & A McGinn  2 <i>Vanda</i> Fuchs Gold x <i>Sagarik</i> Gold G Grant  <i>Only 2 plants benched</i>		<b>Cymbidium</b> 1 <i>Cymcidium</i> Mary Green 'Fruitful' K & A McGinn  <i>Only 1 plant benched</i>




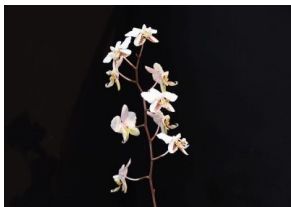



## Crosses on this page that have been named (\*):

*Cattleya* Jillian Lee x (Lynn Spencer x *walkeriana*) = *Cattleya* Hawaiian Snow Candy  
*Cattleya* Pink Doll x Mari's Love = *Cattleya* Hsinying Little Mary  
*Paphiopedilum* In-Charm Greenery x In-Charm White = *Paphiopedilum* In-Charm Space  
*Tolumnia* Patricia Tolen x Capalaba Queen = *Tolumnia* Millbank Spots



# Benching Results September 2019



	<b>Phalaenopsis</b> 1 <i>Phalaenopsis</i> Unknown P Arrowsmith 2 <i>Phalaenopsis</i> Unknown K Haase 3 <i>Phalaenopsis</i> Taissuco Twinkle * G Grant		<b>Any Other Genera</b> 1 <i>Phragmipedium</i> Acker's Starlight G & F Webb 2 <i>Phragmipedium</i> Eumelia Arias K & A McGinn <i>Only 2 plants benched</i>
	<b>Species Sympodial</b> 1 <i>Gomesa echinate</i> K & A McGinn 2 <i>Cattleya intermedia</i> var <i>oralato</i> 'Imperial' x <i>Heritage</i> K Haase 3 <i>Dendrobium amethystoglossa</i> K & A McGinn		<b>Species Monopodial</b> 1 <i>Phalaenopsis stuartiana</i> P Arrowsmith 2 <i>Phalaenopsis bastianii</i> G & F Webb 3 <i>Holcoglossum amesianum</i> K Haase
	<b>Australian Native Species</b> 1 <i>Bulbophyllum longiflorum</i> K Haase <i>Only 1 plant benched</i>		<b>Australian Native Hybrid</b> 1 <i>Dendrobium delicatum</i> K & A McGinn <i>Only 1 plant benched</i>
	<b>Novice</b> 1 <i>Paphiopedilum villosum</i> x <i>sib</i> A O'Reilly 2 <i>Rhyncattleanthe</i> Angel Kiss x Shin-fong Little Sun A O'Reilly 3 <i>Dendrobium delicatum</i> A O'Reilly		

## Crosses on this page that have been named (\*):



*Phalaenopsis* Brother Mirage x Sogo Cherry = *Phalaenopsis* Taissuco Twinkle







# Benching Results September 2019



<p><b>Judges Choice Hybrid</b></p>	 <p><i>Phalaenopsis</i> Unknown P Arrowsmith</p>
<p><b>Judges Choice Species</b></p>	 <p><i>Gomesa echinata</i> K &amp; A McGinn</p>

## Visiting Societies

	<u>John Oxley District Orchid Society</u>		<u>Brisbane Orchid Society</u>
	<p>1 <i>Cattlianthe</i> Alpha Plus Wax 'Inferno' J &amp; H Rutter</p> <p>2 <i>Cattleya loddigesii</i> J &amp; H Rutter</p> <p>3 <i>Cattleya</i> Memoria Ralph Yagi J &amp; H Rutter</p>		<p>1 <i>Dendrobium</i> Nora Tokunaga K &amp; A McGinn</p> <p>2 <i>Rhyncatleanthe</i> Shinfong Little Sun K &amp; A McGinn</p> <p>3 <i>Paphiopedilum lowii</i> K &amp; A McGinn</p>

# Special Interest Plant of the Month

## Grower's Comments

**Plant Name:** *Dendrobium leporinum*

**Owners Comment:**

**Origin/Habitat:** Halmaheira Island in the Moluccas and the northern part of Irian Jaya (western New Guinea). Common name "The rabbit's ear dendrobium". Refers to the upright petals.

This orchid is a hot grower and requires high light at around 2000 to 3000 foot candles.

Orchid is grown in a covered shade house with 60% shade on roof, including solar weave and 50% on sides. Four fans run during daylight hours to circulate hotter air that gathers in the gable roof in summer months.

Feeding

Orchid is fertilised using Horticultural Solutions HSO22 and HSO12 alternating fortnightly between both 12 months of the year. That is two weeks using HSO 22 high nitrogen weekly and the two weeks using HSO 12 low nitrogen and high potassium weekly. Rate is .6 gram per litre.

Watering

In summer it is watered at least twice per week and sometimes more in excessive heat. Watering is less in winter at about once per week depending on the prevailing weather. However take note of the prevailing weather conditions and alter the frequency depending on whether it is extremely hot summer days or cooler than normal conditions. The orchid house is also misted regularly especially on hot days.

Potting Medium

This orchid is grown in a mix of small and medium bark with a little perlite and charcoal added.

Any Other Cultural Notes

Orchid is hung high in the shadehouse to maximise filtered light.

## Shows Scheduled During October and November

<b>Bribie Island Orchid Society</b>	11 & 12 Oct,	156a First Ave, Bongaree
<b>Queensland Orchid Society</b>	12 & 13 Oct,	Belmont Shooting Complex, 1485 Old Cleveland Rd, Belmont
<b>Toowoomba Orchid Society</b>	19 Oct,	St Paul's Hall, James & Phillip Sts, Toowoomba
<b>Boonah Charity Show</b>	19 & 20 Oct,	Boonah State High School Hall, Macquarie St, Boonah
<b>Northern Rivers Species Society</b>	24-26 Oct,	Lismore Central Shopping Centre, Carrington St, Lismore, NSW
<b>Nambour Orchid Society Species Show</b>	1 & 2 Nov,	Uniting Church Hall, Coronation Ave, Nambour
<b>North Moreton Orchis Council</b>	2 & 3 Nov,	Auditorium Mt Cootha Botanical Gardens
<b>Tweed District Orchid Society</b>	2 & 3 Nov,	Tweed Civic Centre, Brett St, Tweed Heads, NSW
<b>Orchid Species Society</b>	23 & 24 Nov,	Auditorium Mt Cootha Botanical Gardens

## It grows like a weed

How often have you heard the phrase "It grows like a weed!" Most often this expression means that the plant that is vigorous and easy to grow. But, conversely, a 'weed' is not something that we want in our orchid pots. However, a 'weed' is just a plant that is in the wrong place. It is not of itself a nuisance other than when it is out of its natural habitat where nature provides checks and balances in the form of predators, climatic conditions or soil types that restrict unfettered growth and prevent it becoming a weed.

Patterson's Curse or as it is known in South Australia, Salvation Jane, *Echium plantagineum*, native to western and southern Europe (found from southern England south to Iberia and east to the Crimea), northern Africa, and southwestern Asia (east to Georgia) was introduced to Australia, South Africa and United States. It is now an invasive weed, and due to the high concentration of pyrrolizidine alkaloids in the shoot, it is poisonous to grazing livestock, especially those with a simple digestive system like horses. The toxins are cumulative in the liver, and death can result. It also blocks up cereal harvesting machinery.

There are many other examples of plants that have become weeds when introduced to an environment where they do not occur naturally. So it begs the questions, can this happen with orchids? In general, orchidaceae tend not to be weeds because they are highly adapted to their environments and pollinators.



The WA Department of Agriculture and Food has a list of 'known weedy species'. There are two orchids on this list, *Oeceoclades maculata* and *Spiranthes sinensis*. While import of these species is prohibited, I was not able to find any information about local infestations of concern that would lead to this listing.

There are other orchids which also have the potential to become weeds. Perhaps the best known local example is a South African orchid *Monadenia bracteata* (recently reclassified as *Disa bracteata*). This species apparently made its way to Australia on ships from South Africa in the 18th century and is now widespread in southwest WA and Victoria. While it is not a proclaimed species (a noxious weed) in either WA or Victoria, it has been identified as a new and emerging weed in the Wimmera district as it is considered to be a threat to the environment as it has the potential to impact on native understorey flora, especially rare and endangered plants. It is particularly attracted to disturbed sites and will grow in all soil types and light conditions. An added issue is that this species is self-pollinating. We have this plant growing on our property in amongst the native grasses and *Banksias*.

A local example with which some of you may be familiar with is *Cynorkis fastigiata* from Comoro Islands, Mauritius, Madagascar, Reunion, and the Seychelles. This species turned up in plants brought in from the Eastern States in the media. A vigorous terrestrial species, it is readily pollinated by local insects, with wind-dispersed seed. Some years ago, many of

us had this species growing in other orchid pots although I suspect that it is no longer a problem as we destroyed unwanted tubers when we repotted our plants.



In the United States, the broad-leaved *Helleborine* (*Epipactis helleborine*) is now causing serious concern as it becomes established in garden beds and lawns. It was intentionally introduced from Europe and is now spreading throughout Michigan in lawns, flower beds and along driveways. This orchid's (syn *Serapias helleborine*) natural habitat is Europe and Africa through to China.



The Michigan State University has had many samples submitted by homeowners for identification and advice on removal.

Unfortunately (though an advantage to plants that become weeds), this orchid is also very vigorous, and will regrow from even small segments of root left in the ground.



However, in a somewhat strange twist to this story, *Epipactis helleborine* is now protected in the UK as it is uncommon. This supports the notion that a weed is merely a plant growing outside its proper habitat.

*Arundina graminifolia* (syn *Arundina bambusaefolia*) also known as Kinata weed is an Asian terrestrial species that has shown potential to become a serious weed. This species has now colonised many new habitats including Hawaii (where we saw it on the big island in the Kilauea national park), Cook Islands, Guam, Fiji and Marshal Islands as well as Puerto Rico, Jamaica and Guadeloupe. It is very adaptable and rapidly takes over roadsides and any similarly cleared areas, crowding out local plant species. It is very vigorous and keikis from just below the raceme after flowering. It is not particular about its pollinators, and as a result, it is cited as invasive in many Pacific islands.



In a paper by Ms M Goosem on issues associated with control of weeds along major powerline routes in Queensland, she strongly recommends that a localised infestation of *Arundina bambusaefolia* be removed as it has the potential to become as serious problem. She notes that it is a tall plant, and when blown over by the wind or knocked down, will readily regrow from any part of the stem in contact with the ground. The photo (left) shows an expanse of *Arundina graminifolia* adjacent to steam vents in Kilauea National Park .

In an article by Clifford and Kobayashi 2012, Naturalizing Orchids and the Hawaii Pacific Weed Risk Assessment System, the authors identify several exotic introduced orchid species that in their view pose a serious weed risk to Hawaii. These include *Arundina graminifolia*, *Spathoglottis plicata*, and *Vanda tricolor*. A major concern is the displacement of native plants that can occur through crowding out.

Author: Ken Jones

*The article above was published in the Species Orchid Society of Western Australia (Inc) website. The Society owns the copyright to the article, and it is reproduced here with permission.*

#### Note from the Editor

I originally had a different idea for utilising this and the last page, but, unfortunately, I could not get it to work. Some other time, maybe.

As this laptop has to go to Kevin Horsey's place on tomorrow (Tuesday) so that he can make sure that it will talk to the printer he will be using at the October Show, I ran out of time to keep trying to get my idea to work. It is also the reason why the bulletin has been sent about a week early. To fill part of the otherwise blank spaces, I decided instead to put in some links to a few orchid related websites that I have found to be either interesting or useful and also to include some photos of a few of our orchids.

[www.staugorchidsociety.org](http://www.staugorchidsociety.org)

St Augustine Orchid Society, Florida USA has a number of interesting articles, usually with photos including one on viruses and bacterial infections in orchids and how to treat them. It is in the Problems section.

[www.orchidsnewguinea.com](http://www.orchidsnewguinea.com)

Orchids of New Guinea. The website has a listing of orchids found in PNG and West Irian with detailed descriptions, photos and location maps.

[www.orchidspecies.com](http://www.orchidspecies.com)

A catalogue of the bulk of orchid species found world wide. Unfortunately it does not contain an internal search engine so is very clumsy to navigate around. I have found that the easiest way to access a particular orchid species is to Google it, and then pick up the link to the plant there.

[www.orchidconservationalliance.org](http://www.orchidconservationalliance.org)

The Orchid Conservation Alliance promotes the conservation of orchids and their habitat world wide.

<http://members.iinet.net.au/~emntee/page18.html>

Species Orchid Society of Western Australia website has some interesting and useful articles. On that basis alone, it warranted inclusion here.



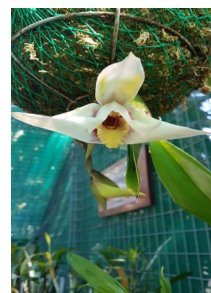
*Bulb echnolabium*



*Bulb ambrosia*



*Neolehmannia porpax*



*Max sandirania*



*Den Bohemian Rhapsody*



*Bulb J M Guilloty*

*Rlc Del's Thunder x*  
*Rlc Glen Maidment*

