



Nambour Orchid News

March 2018



Judges Choice - February - *Bulbophyllum lepidum*

I purchased this plant as a seeding in 2015 from Ezi Gro Orchids in Perth whilst I was living in Kalgoorlie, WA. I grow this particular species in quite bright conditions under Solarweave and about 60% shade cloth.

It grows in Port Pots with Sphagnum Moss and chunks of Styrofoam underneath for drainage. I don't like to use saucers with Sphagnum as I can't pack it tight enough and it stays wet for too long. I pot it up shallow so there is still a lip around the top. This stops the plant from rambling over the edges.

I fertilise all year round at a quarter gram per Litre using Peters Excel CalMag Finisher once a week, and apply Calcium Nitrate and Magnesium Sulphate once a month



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I water two to three times a week depending on temperature and humidity. I find it very hard to put down the hose at times and in very hot weather I will often water twice a day.

Bulbophyllum gamosepalum is found in Myanmar, India and the Andaman Islands. It flowers towards the end of summer for up to two months.

Unfortunately the flowers don't last more than a few days and it is very seldom to have more than three umbels open at one time on a plant this size.

I find it very easy to grow. **Steve**

Secretary news March

Bribie Island Easter show Friday 30th Sat 31st March, Orchid House, 1st Ave. Bribie Island.

Sunshine Coast Orchid Society Caloundra will hold their Autumn show in the Uniting Church Hall, Cnr Queen & Ulm Streets Caloundra on Friday 6 & Sat 7 April. Set up is on Thursday 5th. This is a display show, **members wishing to have plants included in the display** please send your names to Alison by Monday 2nd April.

Our species get together is moving to the second Sunday of each month. This will avoid clashes with STOCQ meetings and other shows in our area. The dates for the remainder of the year will be :

April Sunday 8th this one will be at Richard & Rita's place

May - Sunday 13th Mothers Day

June – Sunday 10th

July – Sunday 8th (no longer clashes with Garden Expo)

August – Sunday 12th Maroochy Botanic Gardens

September – Hopefully Replaced with bus trip

October – Sunday 14th

November – Sunday 11th

Cultural corner from 1.15pm to 1.45pm each meeting day. If you have a passion for growing a particular genera please see Charlie and offer him your assistance.

Presidents report

As I look out the window it is showering again! With the high humidity and heat we have had, this will be a time to be vigilant about those pesky creatures and organisms that thrive in these conditions. Keep an eagle eye out for mealy bugs and scale, cockroaches and bacterial attacks on the lush new growth of your orchids. With the start of orchid shows soon, it is a good time to prepare plants by keeping them free from pests and monitoring emerging flower spikes in preparation for display.

It was great to see such a good attendance at our Annual General meeting especially as the weather was threatening and some areas had experienced flooding. Thank you to those members who volunteered to help in various areas at meetings and activities in which the club participates.

Cheers, Gina



Judges Choice - Novice - February - Dendrochilium magnum
 We grow this plant in our green house under 50% shade. It is hanging up on a swivel and moves around with the breeze. It is watered regularly as well as fertilized. It has a lovely sweet fragrance with the flowers lasting up to 4 weeks. It likes intermediate to warm conditions with low to medium light. **Heather & Patrick**



Rlc. Mt Isa Jean - Mal



Rsc. Village Chief North - Rob & Joan



Ctt. Gerard Nappert -Tom



Milt. Sandy Cove - Judy



V. OSM - Luda



V. luzonica - Rob & Joan



Den. Luis Truscott Stainton
 Charlie & Gina



Bulb. Meen Ocean Brocade
 Duncan



Paph. Magic Lantern
 Graham & Beryl

Vanda lamellata

Vanda lamellata, known as the ‘**thin-ridged lip Vanda**’, is a warm to hot growing epiphytic orchid from the Ryukyu Islands, Taiwan, Borneo, the Philippines and the Mariana Islands. It grows in full sun near the sea on cliffs or coastal beach forests on branches and tree trunks occurring at elevations of sea level to about 500 meters.

It is also found in forests on sea beach edge in Japan (Okinawa, Ryukyu Islands), Taiwan, and The Philippines. All forms have cylindrical columns.

Vanda lamellata is a compact, elegant and vigorous grower. It can produce four or more sets of leaves per year. Its flower spikes can carry 30 or more 2” flowers on spikes which sit above the plant. The flowers are uniformly spaced and each flower can be seen. These attributes have been much used by hybridists, in particular the tendency to hold the flower spikes above the foliage.

In our part of the world, the peak flowering is April to August, but it will flower at other times.



Vanda lamellata has received over 53 awards, its F1 offspring is 84 and it has 259 progeny.

Plants are best grown hung in baskets and can be mounted, and require bright to full sunlight and warm temperatures. If hung the roots must be watered frequently in summer. Plants should be grown in media that is well drained. Large, bark, charcoal and a little jumbo perlite works well. A balanced fertiliser is fine.



There are two main forms, forma *boxallii* (left) and forma *remediosae* (right). There is also an *alba* form. *Boxallii* has more reddish purple on the bottom sepals whereas *remediosae* has more brownish colour on the bottom sepals.



Some hybrids using *V.lamellata*.

Vanda Khun Nok (1) which is *lamellata* x *V.Madam Panni*.

V. Marty Brick (2) which is *lamellata* x *V. Motes Mandarin*.



Care with Pesticides and Fungicides

by Charlie McMonagle

At the Culture Corner meeting in January, I spoke about the need to take care when using pesticides and fungicides. Members asked if I could put something in the Newsletter.

The chemicals used to control Pests and diseases in the orchid house are variously described as Pesticides, Insecticides or Fungicides. Note that all end with *cide*, meaning killer, derived from the Latin *caedere* to kill. Substances that kill pests and disease also have the potential to harm humans. The level of toxicity for oral or dermal ingestion is defined by LD₅₀, the dose that has a 50% probability of causing death. LD₅₀ is usually denoted in milligrams/kilogram of body weight. The level of toxicity for inhalation is defined by LC₅₀, the concentration, in micrograms/litre (milligrams/m³) of vapour inhaled.

LD₅₀ & LC₅₀ ratings for most horticultural chemicals can be found on the internet.

The table below is a summary for those in most common use.

LD₅₀ & LC₅₀ for Orchid Chemicals			
Chemical	Oral	Dermal	Inhale
	LD ₅₀ mg/kg	LD ₅₀ mg/kg	LC ₅₀ mg/m ³
Chlorpyrifos (Lorsban)	95	2000	2
Carbaryl	100	>2000	5
Metaldehyde	227	2275	2
Diazinon	300	3600	3.5
Pyrethrin	375	>2000	3.5
Scotts Crown 225	400	N/A	3
Imidicloprid (Confidor)	450	5000	6.9
Copper Oxychloride	800	>2000	2.83
Malathion	>1000	4000	3.5
Banrot	1077	779	>10
Borax	>4500	>10000	>2
Mancozeb	>5000	>5000	3.2
Fongarid	5000	>5000	2.6
Table Salt (Sodium Chloride) (for	3000	>10000	>400

Care with Pesticides and Fungicides

LD₅₀ & LC₅₀ Toxicity Levels (grams)

	ORAL (LD ₅₀)	DERMAL (LD ₅₀)	INHALATION (LC ₅₀)	PROBABLE ORAL LETHAL DOSE FOR 68kg HUMAN
HIGHLY TOXIC	0—50	0—200	0 - 2.0	A FEW DROPS TO A TEA SPOON
MODERATELY TOXIC	50—500	200-2000	2.0-200	2 TABLESPOONS
SLIGHTLY TOXIC	OVER 500	OVER 2000	20-200	30 GRAMS
PRACTICALLY NON-TOXIC	5000-15000			350 GRAMS
RELATIVELY HARMLESS	15000 UPWARDS			1 KILOGRAM

Any product that will kill insects will eventually kill humans, if we do not protect ourselves.

Remember that many toxic chemicals **accumulate** in body tissues – risk increases with repetition.

Protect yourself with

- Gloves
- Mask with chemical filter
- Hat
- Eye protection
- Overalls (preferably waterproof)

Change and wash clothing after spraying.

Keep chemicals in a locked cupboard.

Dispose of unused chemicals.

Use chemicals at recommended concentration.

Don't

- Mix different chemicals unless you are certain that they will not react.
- Mix or use chemicals at higher than recommended concentration.
- Put chemicals in containers other than original.
- Stand in the drift or fog from spraying.
- Put nozzles in your mouth to clear blockages.

Species

Judges Choice - *Coryanthes macrantha*

A warm growing epiphyte found in Trinidad and North Eastern Peru, in wet lowland rainforests. It has large ribbed pseudobulbs with 2 or 3 thin heavily veined leaves. Inflorescences are produced from the base of the pseudobulb. The lip forms a bucket with 2 water 'faucets' dripping from the base of the column. It is pollinated by Euglossa bees. On entering the flower, the bee falls into the liquid filled bucket and the only exit is a tunnel from the apex of the lip that passes under the stigma and anther, depositing pollina on the back of the wet bee.



This plant is intolerant of stale conditions at the roots, so needs repotting every year.

It is growing in the same mix as my Cattleyas, perlite and peat (12-1) with small amounts of bark, charcoal and diatomite. Twice a year I add Plantacote Top K controlled release fertiliser. In summer it is grown with my Oncidiums under 70 percent shadecloth, with an added layer of 50 percent, it seems to have liked all the rain we have had lately. In winter it is moved in with my Phalaenopsis, under solar weave.

Judy

CULTURAL - PLANT,

Dendrobium bracteosum belongs to the Section *Calyptrochilus* and is widespread across New Guinea and adjacent Islands. It is usually found from near sea level to 600m but has been recorded at 1200m. Sepal and petal colour of the flowers is very variable and range from white, yellow and green through to pink shades from light to deep rose.

The pointed lip, while small, is deep orange to red in colour and gives the flower a “wow” factor. Dense clusters of flowers emerge from bracts along the narrow pseudobulb and are very long lasting - up to 4 months. We were given a small plant in 2014 and have been rewarded with progressively more flowers as it has increased in size. It is potted in a medium bark mix with the addition of charcoal and perlite and hangs in the shade house where it receives bright light and good air movement. **Charlie & Gina**



Species

A selection of plants on display at Species Group



Dendrochilum latifolium
var. *macranthum*



Holcoglossum kimballianum



Peristeria elata

Species

The list of species plants benched at the species meeting at Graham & Beryl's on Sunday 11th March. Plants with * have been listed as named in the WCSP Kew list.

Judges Choice was *Coryanthes micrantha* owned by Judy, Cultural plant went to Charlie & Gina's *Dendrobium bracteosum*.

Aerides lawrenceae, *Bulbophyllum lepidum* *, *Bulbophyllum vaginatum*, *Cattleya dormaniana*
Coelogyne rochussenii, *Coryanthes micrantha*, *Dendrobium bigibbum* var. *compactum* *alba*
Dendrobium bigibbum var. *superbum*, *Dendrobium bracteosum* x 2, *Dendrobium lamellatum*
Dendrobium oligophyllum, *Dendrobium sanderae*, *Dendrochilum latifolium* var. *micranthum*
Dendrochilum magnum x 2, *Guarianthe bowringiana* *, *Holcoglossum kimballianum*
Maxillaria schunkeana *, *Oeceoclades spathulifera*, *Peristeria elata*, *Phalaenopsis bellina* x 2
Pinalia densa *. *Prosthechea cochleata*, *Robiquetia aberrans* *, *Vanda testacea* *

FEBRUARY 2018 Popular vote and Judges Choice

Class	1 st	2 nd	3 rd
Cattleya. Ctt. Gerard Napper. Tom.	Rsc.Village Chief. Rob & Joan.	Rlc.Gerard Scalia. Col & Marilyn.	C.Deception Flared Fantasy. Judy @ Ctt.Gerard Napper. Tom.
Vanda. JC. V.OSM. Luda.	#V. OSM. Luda.	V.Kultana Blue. Richard.	V.Boschii and Van.Blue Fairy both owned by Rod & Jan.
Oncidium. Milt. Sandy's Cove. Judy.	Milt.Sandy's Cove. Judy Lsz.Lava Burst. Michael & Betty.	Mtdm.Tropical Heat Wave. Charlie & Gina.	No third.
Foliage Tillandsia. Judy.	Tillandsia <i>xerographica</i> . Judy.	No 2 nd .	No 3 rd .
Any Other. Bulbophyllum Meen Ocean Brocade. Duncan.	Bulbophyllum Meen Ocean Brocade. Duncan.	No entry	No entry
Dendrobium. Den.Luis Truscott Stainton. Charlie & Gina.	Den.Luis Truscott Stainton. Charlie & Gina.	Den.Burana Stripe 'Splash'. Judy.	\$Den.Sakol Blue. Col & Marilyn.
Paphs. & Phrags. Phrag. Green Hornet. Judy.	Phrag.Green Hornet. Judy.	Paph.Magic Lantern. Graham & Beryl.	No 3 rd .
Species Bulb. <i>lepidum</i> . Steve & Brooke.	Paph. <i>godefroyae</i> . Graham & Beryl Milt. <i>moreliana</i> . Col & Marilyn.	C. <i>violacea</i> . Judy.	No 3 rd .
Novice. Stan. <i>tigrina</i> Patrick & Heather.	Ddc. <i>magnum</i> . Patrick & Heather and Den.Burana Stripe. Wayne G.	Phalaenopsis unknown Glenda and Brsdm.Yellow Star. Patrick & Heather.	No 3 rd .
Australian native species. Den. <i>rigidum</i> . Wayne & Jean.	Den. <i>discolor</i> . Cliff.	Bulb. <i>longiflorum</i> . Wayne & Jean and Den. <i>biggibum</i> . Judy.	No 3 rd .

JUDGES CHOICE overall: Bulbophyllum lepidum. Steve & Brooke.

Kindly change your labels to the name on this sheet if it differs from the name on your plant label.

@ C.Fire Fantasy x C.Caudebec is now C.Deception Flared Fantasy.

V.Bangkok Blue x V. Dr. Anek is now V. OSM.

\$ Den. Big Ham x Thailand is now Den. Sakol Blue.



Nambour Orchid Society Information and Contacts

Business meeting

Is held on the 4th Saturday of each month at 12.45pm prior to the cultural meeting

All members are welcome to attend.

Cultural meeting

Is held on the 4th Saturday of the month at the Nambour Uniting Church Hall,

Coronation Ave., Nambour at 2pm. All members and visitors are welcome.

Plants are to be tabled by 1.30pm for judging.

The Species Appreciation Group get together is held monthly from February to November at member's homes. Contact the Secretary for details.

All STOCQ members are welcome. Bring your flowering species plants, a chair, a cup and a plate to share for afternoon tea.

Patron	Rob Wright		
President	Gina McMonagle	07 5439 6353	
Vice President	G Robertson	07 5442 1288	
Secretary	Alison Parkes	07 5441 7201	nambourorchids@gmail.com
Treasurer	Jean Harris	07 5445 3307	
Editor	Richard Hand	07 5442 2879	rhand39@gmail.com

A reminder for all winners of Judges Choice, cultural awards etc. at both our meetings, please send a few lines on how you grow your plants, growing conditions and anything relevant, for inclusion in the Newsletter to - rhand39@gmail.com. Information is required two weeks prior to the monthly meeting

FOR SALE

Nambour Orchid Society members may use space in the Newsletter free of charge, if you have any Orchid related items for sale,. Please send your ad to - rhand39@gmail.com no later than 2 weeks prior to the monthly meeting

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Nambour Orchid Society Show Calendar 2018

(NOS commitment in blue)

March

Fri & Sat 30/31 **Bribie Orchid Show** **Orchid House, 1st Ave. Bribie Island**

April

Fri/Sat 6/7th **Sunshine Coast OS show** **Uniting Church Hall, Cnr Ulm & Queen St. Caloundra**
Sat. 21st **South Burnett Orchid Show** **RSL Hall, Wondai**

May

Sat/Sun 5/6th **Gympie Garden Expo & Orchid Show Pavillion, Gympie Showgrounds**
Sat/Sun 11/12 **Noosa Show (closed)** **CWA Hall Cooroy**
Fri/Sat/ 26/27 **Boyne Tannum OS show** **St Francis Catholic Primary School, Tannum Sands**

June

Saturday 16th **STOCQ & OQI meeting** **Hosted by Maryborough OS**

July

Fri/Sat/Sun 12/13/14 **Nambour Garden Expo.** **Nambour Showgrounds, Coronation Ave. Nambour**
Fri/Sat/Sun 20/21/22 **Caboolture OS Show** **Morayfield Community Centre**
18th to 22nd July **21st AOC Conference** **Hawkesbury Indoor Stadium, 16 Stewart St, South Windsor, Sydney**

August

Fri/Sat 10/11 **Maroochydore OS show** **Milwell Road Community Centre, Maroochydore**
Sat/Sun 11/12 **Agnes Water OS show** **Agnes Water Community Centre, 71 Springs Road,**
Fri/Sat 31st Aug & 1st Sept **Nambour OS Spring Show** **Uniting Church Hall, Coronation Ave, Nambour**

September

Sat 1st **Nambour OS Spring Show** **Day 2**
Fri/Sat 31st Aug 1st Sept. **Childers OS Spring Show** **Cultural Centre, Childers**
Fri/Sat 14/15 **Noosa Show** **RSL Hall Cooroy if renovated**
Fri/Sat 21/22 **Glasshouse Country OS show** **Beerwah Community Hall, Peachester Road.**
Fri/Sat/Sun. 28th/ 29th /30th **Hervey Bay show** **Xavier Catholic College 1 Wide Bay Drive, Eli Waters, Hervey Bay.**

October

Fri /Sat 12/13 **Bribie Island OS Show** **The Orchid House, First Ave. Bribie Island**
Sat/Sun 20/21 **Orchid Species Society show** **Auditorium Mt Cootha Botanic Gardens**

November

Fri/Sat 2/3 set up Thurs 1st **Nambour OS Species Show** **Uniting Church Hall, Coronation Ave, Nambour**
Saturday 10th **STOCQ & OQI meetings** **Caboolture**

2018 AOC Conference

18th to 22nd July **21st AOC Conference** **Hawkesbury Indoor Stadium, 16 Stewart St, South Windsor, Sydney**

Orchidfest

Sat/Sun 14th & 15th Sept 2019 **STOCQ Orchidfest** **Hosted by Rockhampton Orchid Soc.**