



Nambour Orchid News.

August 2020



Fdk. After Dark 'Bakers Black Hole'



Fdk. After Dark 'Van Brooklyn'

Both *Fredclarkeara* After Dark 'Bakers Black Hole' & *Fredclarkeara* After Dark 'Van Brooklyn' have recently received the award **HCC**. Congratulations Steve

Fredclarkeara After Dark is an intergeneric hybrid between *Mormodes* Painted Desert x *Catasetum* Donna Wise. I purchased these plants a few years ago after seeing a few on display at the Tweed District Orchid Show. I found an article by Fred Clarke (who the plants are named after) on how to grow *Catasetinae* and implemented his techniques. The only difference in how I grow them is I don't give them a rest period over winter. Some people defoliate their plants as soon as they start dropping leaves. However, I prefer to leave this practice until the inflorescence has fully formed. I grow them under bright conditions in sphagnum moss with control release fertiliser in the mix. I also feed weekly with a soluble fertiliser and water heavily most of the year. Spider Mite can be a real problem with these plants. I have found that regular misting and Hort-Oils help to control these pests. Overall, *Fredclarkeara* are an easy orchid to grow and extremely rewarding with tremendous sprays of flowers on long pendulous inflorescence. Go grab one from your local orchid nursery (I got mine from Robertsons). **Steve**



Secretary news August:

We are back.

Things will be a little different for a while though. Our meeting will be held at the normal time of 2pm Saturday 22nd August. Attached with your newsletter is a letter to members that forms part of the safety plan submitted to the Uniting Church for approval to allow us to return to meetings. I ask that you take the time to read the attached carefully to familiarize yourself with the requirements for our safe return to meetings.

Please do not come to the meeting before 1pm. This is to allow the committee time to set up the requirements for a Covid safe meeting before members start to arrive.

Members are required to notify Alison of their intention to attend the meeting either by email or phone. Due to social distancing we are limited to 50 people per meeting.

Richard still needs articles and photos to keep your newsletter going. A big thank you to Richard for the mighty effort he has put in so far under very difficult circumstances to keep us all connected.

Our Facebook page has been busy, with several members posting their photos for all to see. If you have not yet liked our page please have a look and click on the like button. Remember to **include the name of your plant with the Photo for inclusion in the newsletter & on the page.**

President's Report

Spring is not far off here on the Sunshine Coast and even with the regular westerlies and chill that we have around the time of the Ekka, it will not be long before we will be basking in warm weather. Spring flowering orchids are well on the way with flowers already or getting ready to burst into bloom and while we will miss the usual mass of orchids at our Spring show this year, I hope we will be in a position to get back to business in 2021. With our first monthly meeting in the pipeline for August as I write this report, we are under quite strict guidelines regarding public gatherings, due to government requirements. The committee will be following protocols as instructed, from the Safe Plan that we have had to submit before approval to hold a meeting is given. I do ask for your patience and cooperation with directions from the committee as this meeting will be something of a "practice run"! Please **read** the directions that will be sent out and as we are allowed a limit of numbers of people in the hall, it is **very important** that you indicate your attendance to Alison.



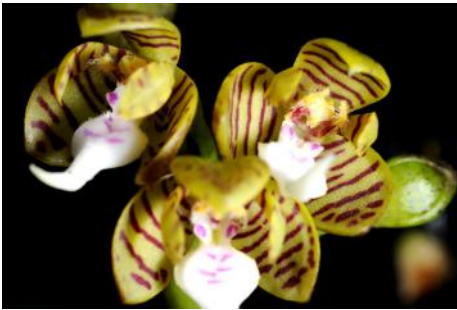
And -- with thanks once more to Roger Rankin from his booklet "Orchid Wise" ----

"Oh, for a machine that will speed up the buds and hold back the flowers".

August 2019 What's happening in my greenhouse!

Now that we are getting some warmer weather plant growth is picking up and more buds are appearing. In particular there has been a burst of activity with the native, *Dendrobium speciosum*. Abundant buds on many racemes. What a great plant for any orchid collection! Also makes a great garden plant. Beware of the *Dendrobium* beetle that will soon make an appearance. They can be so destructive!

Some of the flowering plants are depicted in the following images. **Wayne Harris**



Trichoglottis geminata



Pinalia amica



Bulbophyllum wakoii



Dendrochilum pulcherrimum



Bulbophyllum romyi



Dendrobium speciosum



Bulbophyllum longiscarpum



Pelatantheria ctenoglossum



Dendrobium mohlianum



Cymbidium sinense



Coelogyne cristata var. *citrina*



Coelogyne longirachis



Trichoglottis orchidea



Caucaea phalaenopsis



Rhyncostylis gigantea



Bulbophyllum ambrosia



Coelogyne viscosa

Care with Pesticides and Fungicides

by **Charlie McMonagle**

At the Culture Corner meeting in January 2018, I spoke about the need to take care when using pesticides and fungicides. Members asked if I could put something in the Newsletter. I have since updated the table with additional chemicals and added trade names where applicable.

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. Note that the **lower** the LD, the **higher** the toxicity.

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. N/A denotes information not available.

Orchid Chemicals - Names, Function, Toxicity

Toxicity

Chemical	Trade name	Function	Toxicity		
			Oral LD ₅₀ mg/ kg	Dermal LD ₅₀ mg/ kg	Inhale LC ₅₀ mg/ m ³
Abamectin	Stealth	Miticide	10	330	N/A
Bifenthrin	Fivestar	Insecticide/miticide	54	2000	500
Chlorpyrifos	Lorsban	Insecticide	95	2000	2000
1-naphthyl methylcarbamate	Carbaryl or Sevin	Insecticide	100	>2000	5000
Metaldehyde		Kills snails	227	2275	2000
Tau-fluvalinate+myclobutanil	Rose Shield (Yates)	Fungicide/insecticide	261	>2000	N/A
Diazinon		Insecticide	300	3600	3500
Pyrethrin		Insecticide	375	>2000	3500
Acetamypid	Scotts Crown 225	Systemic Insecticide	400	N/A	3000
Imidicloprid	Confidor	Systemic Insecticide	450	5000	6900
Copper Oxychloride		Fungicide/bactericide	800	>2000	2830
Malathion	Maldison	Insecticide	>1000	4000	3500
Thiophanate-methyl+etrizazole	Banrot	Fungicide	1077	779	>10000
Phosphorus acid	Phos-jet	Fungicide	1700	N/A	N/A
Borax		Kills ants	>4500	>10000	>2000
Dithiocarbamate	Mancozeb	Fungicide	>5000	>5000	3200
Furalaxyl	Fongarid	Fungicide	5000	>5000	2600
Sodium Chloride	Table Salt	(for reference)	3000	>10000	>400000

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.

Members photos



Lc. Precious Ruby x *Lc. Pirate King 'Crimson Glory'*
Roger



Rhyncholaelia glauca—Charlie & Gina

Members photos



Rlc. Dal's Grace '2458'.
Marty & Anita



C. Twenty Four Carat 'Lee' Steve



Cym. Kahn Flame 'Fury'



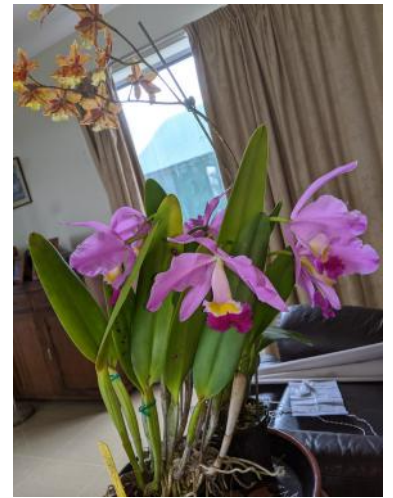
Rc. Village Chief - Colin



Phal x Golden Apple.
Steve



Cymbidium - unknown
Roger



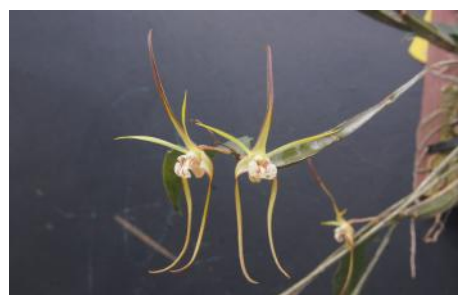
Cattleya wallisii.
Mal



Phalaneopsis -Gold Wing. Steve



Rlc. Wallacia



Den. tetragonum. Colin



Cattleya Scott's Royal - Roger
(name change)



Paph. Favorite World.
Marty & Anita



Bulb. Medusae - Barry

Pronunciation of genera in the Tribe Cymbidieae, excluding the Subtribe Oncidiinae.

There are 10 Subtribes in the Tribe Cymbidieae. The Subtribe Oncidiinae was covered in the June Newsletter. Only the genera and intergenerics more common in cultivation by hobbyists are included.

Genus	Abbreviation	Pronunciation	Combination
Subtribe Cymbidiinae			
Acriopsis	Acr.	ak-ree-OP-sis	
Cymbidium	Cym.	sim-BID-ee-um	
Grammatophyllum	Gram.	gram-mat-oh-FILL-um	
Subtribe Eulophiinae			
Ansellia	Aslla.	an-SELL-ee-uh	
Dipodium	Dipo.	dye-POD-ee-um	
Eulophia	Euph.	yew-LOH-fee-ah	
Geodorum	Gdm.	jee-oh-DORE-um	
Subtribe Catasetinae			
Catasetum	Ctism.	kat-a-SEE-tum	
Clowesia	Cl.	klow-EE-zee-ah	
Cynoches	Cyc.	sik-NO-keys	
Galeandra	Gal.	gal-ee-AN-drah	
Mormodes	Morm.	mor-MOH-deez	
Catanoches	Ctnchs.	cat-ah- NO-keys	Cyc. x Ctism.
Clowesetum	Clo.	klowz-EE-tum	Cl. x Ctism.
Cynodes	Cycd.	SIK-noh-deez	Cyc. x Morm.
Mormodia	Mo.	mor-MOH-dee-ah	Cl. x Morm.
Fdk.	Fdk.	fred-clark-ARE-ah	Cl. x Morm. x Ctism.
Monnierara	Monn.	monn-ee-er-ARE-ah	Cyc. x Morm. x Ctism.
Subtribe Cyrtopodiinae			
Cyrtopodium	Cyrc.	sir-toh-POH-dee-um	
Subtribe Coeliopsidinae			
Peristeria	Per.	per-is-TER-ee-ah	
Subtribe Maxillariinae			
Anguloa	Ang.	an-gyew-LOH-ah	
Bifrenaria	Bif.	bye-fren-AIR-ee-ah	
Lycaste	Lyc.	lye-KASS-tee	
Maxillaria	Max.	mak-sill-AIR-ee-ah	
Sudamerlycaste	Sud.	soo-dam-er- lye-KASS-tee	
Xylobium	Xyl.	zye-LOH-bee-um	
Angulocaste	Angcs.	ang-yew-loh-KASS-tee	Ang. x Lyc.
Subtribe Stanhopeinae			
Coryanthes	Crths.	kor-EE-an-thees	
Gongora	Gga.	gon-GOR-ah	
Houlletia	Hlt.	hoo-LET-ee-a	
Paphinia	Pna.	paff-EE-nee-ah	
Stanhopea	Stan.	stan-HOPE-ee-ah (stan-HOPE-ah also acceptable)	
Subtribe Zygopetalinae			
Aganisia	Agn.	ag-ah-NEE-si-ah	
Cochleanthes	Cnth.	kok-lee-AN-theez	
Galeottia	Glt.	gal-ee-OHT-tee-ah	
Huntleya	Hya.	HUNT-lee-ah	
Zygopetalum	Z.	zye-go-PET-ah-lum	
Zygonisia	Zns.	zye-goh-NEE-see-ah	Agn. x Z.

Nambour Orchid Society



Nambour Orchid society meets on the 4th Saturday each Nambour Uniting Church Hall, Coronation Ave., Nambour

Business meeting commences at 12.45pm prior to the cultural meeting.

Cultural meeting Follows the business meeting at 2pm.

All members and visitors are welcome to both Business and Cultural meetings.

Plants are to be tabled for judging by 1.30pm .

Charlie's Cultural corner from 1.15pm to 1.45pm each meeting day.

The Species Appreciation Group is held monthly from February to November at member's homes .

Contact the Secretary for details. at nambourorchids@gmail.com

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

Patron	Graham & Beryl Robertson		
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

All correspondence to the Society should be addressed to nambourorchids@gmail.com

Articles for inclusion in the Newsletter should be sent to the editor at editornambourorchids@gmail.com

Send all adds, articles and photos etc. no later than 2 weeks prior to the monthly meeting

FOR SALE : NOS. members may use space in the Newsletter to sell Orchid related items free of charge.

Members can sell Orchids or foliage plants at our meetings. Only plants that we would use in show displays are permitted. **Please remember to add your gold coin donation to the honesty box.**

**Direct deposits for Shirts, name Badges and Membership are encouraged to the Club Bank Account.
Commonwealth Bank BSB 064424 A/c No 00909232.**

Add your name as a reference so our Treasurer knows who the money is from.

Club shirts are available , cost to members, \$25 for shirt with logo + \$5.50 if you require a pocket

Name badges, cost is \$7.00 for new members after attending 3 meetings, or \$10.95 for a replacement

PO Box 140, Nambour QLD 4560 _nambourorchids@gmail.com www.nambourorchidsociety.com



Supporters of Cittamani Hospice Services

Cittamani Hospice Services are in Palmwoods and provide end of life palliative care for people in need in their own homes.

They also provide essential equipment free of charge for patients use in their own home.