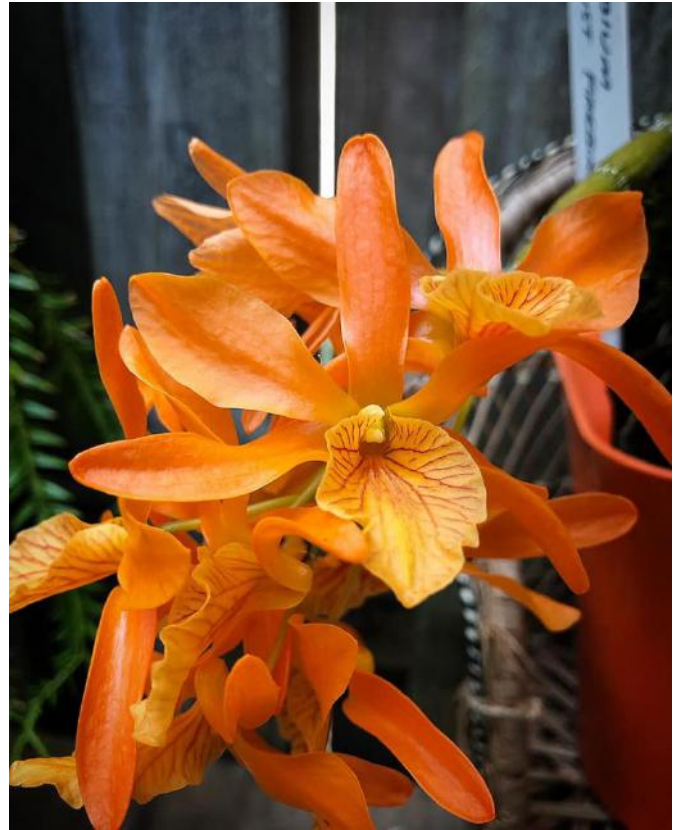




# Nambour Orchid News.

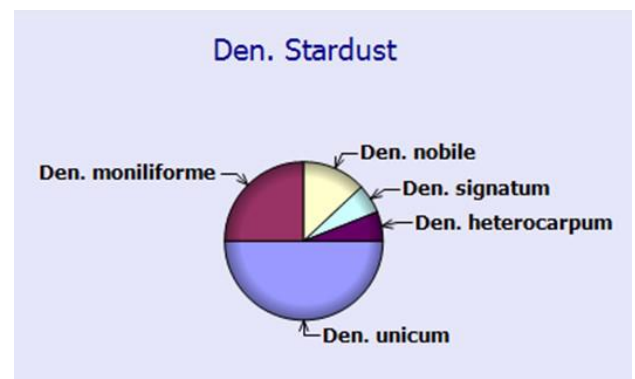
October 2020

## AOC Award to Luda Hallcroft



Luda was thrilled to receive her first AOC award from a convened judging panel on 11<sup>th</sup> October.

Her *Den.* Stardust 'Firebird' received a Highly Commended Certificate with a score of 77.4 points.



## Secretary news October

Our September meeting was a great success although a little different to what we are used to. Thank you to the members who attended and assisted with the cleaning and setting up before and after the meeting. Many hands make light work and it didn't take long to complete the extra tasks. 48 people attended the meeting so we almost reached our limit. A reminder that you need to register with me if you are attending as we still have a limit of 50, and we would hate to have to send members home. Due to our limited numbers, members only to attend meetings no visitors.

Thank you to Charlie for the PowerPoint presentation he put together to show us what has been happening with recent awards.

Species Meetings. Great to be back, thank you to Charlie & Gina & Rod & Jan for hosting the September and October meetings. Plants tabled at both meetings are in this issue as we ran out of space last month. November species will be at David & Lorraine's place. Numbers at a private residence are limited at 30 please advise me if you are attending. The date will be Sunday 8th November at 2pm.

November Cultural meeting will be our Christmas break up meeting. We are in the process of making plans for that, details will be advised when they are finalized.

**Please do not come to the meeting before 1pm. This is to allow the committee and helpers time to set up the requirements for a Covid safe meeting before members start to arrive. Plants must be tabled by 1.30pm for Judging.** As we are currently doing a 1st, 2nd, 3rd Judges choice it takes a bit longer.

Our photo competition closes at the October meeting. The winner will be selected by an independent person and announced at the November meeting.

**Remember to include your plant name with the photo.**

Congratulations to Luda who received her first award HCC for her *Dendrobium* Stardust a spectacular plant. It is the bright orange one on our facebook page stunning colour.

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.

Stay safe everyone and we hope to see you at the meeting.

## **From the President**

As we approach the end of the year, yes Christmas is just around the corner, it has been a topsy-turvy time but with orchids to care for I hope you have been well occupied and boredom hasn't set in at all! The previous meetings held at our venue have gone quite smoothly and hopefully, we will see an easing of some of the restrictions that have been in place - especially regarding numbers allowed to attend. We have had some stunning orchids benched in August and September and I have noticed that the quality of flowers and plants is excellent, so keep up the good work. Thank you to everyone for help in setting up and sanitizing the area we use, judging the orchids and to Charlie and assistants at the Culture Corner. If you subscribe to Orchids Australia, there are two articles of interest in the October issue. One about Sam Scalia and his achievements in breeding award quality orchids, as related to and compiled by Russ Hopkins and the other as a presentation to Pauline and Roger Rankin of Emeritus Judges Awards.

So it is fitting that Roger Rankin has the last word – "Diplomacy in orchid growing is the art of letting someone else decide that your orchid is best". (From Orchid Wise)



**Judges Choice - September - Brassia Rex 'Christine' AM/AOS x Brassia Rex 'Cape Oasis'**



This plant, as the name suggests, came from Cape Oasis Nursery at Mt Molloy (west of Port Douglas) and was bought as a seedling a number of years ago. Brassia Rex is a primary hybrid between Brassia verrucosa and Brassia gireoudiana. Here 2 selected clones of Brassia Rex have been crossed with the aim of combining the large flower size and high flower number count of 'Christine' with the heavy flower texture of 'Cape Oasis', and it's more compact plant growth habit. It is a reliable flowerer though I've never had this many flowers on a spike before. I did however make the decision 6 months ago to stop regularly dividing all Brassias so that is probably why! It grows under 50% green shade cloth with very good air movement. Because of the very good air movement the plants in this bushhouse are watered if not every day then every second day in Spring and Summer and the mix does dry out between watering. In Autumn and Winter they are watered every 2 to 3 days. The plants in this bushhouse are able to receive any rainfall. Low winter temperatures down to 2 degrees do not appear to affect it and I do not cover the roof of this bushhouse during winter with solarweave. It is growing in a mix of 30% Number 3 bark, 30% Number 4 bark, 30% coir chunks and 10% jumbo perlite. Fertilising is restricted to periods of growth and at that time a high nitrogen based fertiliser is used. **Don**



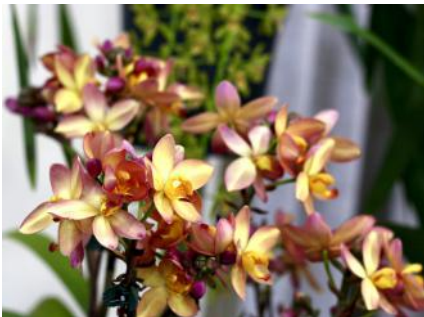
**Judges Choice - Novice - September**  
*Dendrobium lindleyi* - Steve



**Graham receiving his certificates from Charlie**



A selection of plants on display at September meeting



## Bio-stimulants in Orchid Culture

By Charlie McMonagle

Questions on Bio-stimulants were raised by members at the last two Culture Corner sessions. Subsequent comments from a number of sources indicate there is still some confusion. Hopefully, this will clarify issues relating to their use.

This article is based on a presentation by Prof. Jean Yong at the Asia Pacific Orchid Conference, Kuching, July 2019.

Prof. Yong is currently based at the Swedish University of Agricultural Sciences. He formerly held positions at Curtin University WA and ANU Canberra.

Plant bio-stimulants are **diverse substances** and **microorganisms** used to **enhance** plant growth.

### Eight categories of bio-stimulants (Calvo et al. 2014)

- Microbial inoculants
- Humic acids (including Fulvic acids)
- Protein hydrolysates & amino acids (including Microproteins)
- Seaweed extracts
- Complex organic materials (including phytohormones)
- Beneficial chemical elements & Inorganic salts (including phosphite)
- Chitin and chitosan derivatives
- Anti-transpirants

**Phytohormones** help coordinate growth, development, & responses to stimuli.

- **Phytohormones** are chemical signals that modify or control one or more specific physiological processes within a plant
- **Phytohormones** are produced in very low concentration, but a minute amount can greatly affect growth and development of a plant organ
- In general, **Phytohormones** control plant growth and development by affecting the division, elongation, and differentiation of cells

They have **multiple, overlapping, & interacting functions**

**Coconut water** is a readily available, inexpensive phytohormone (Find it in the “drinks” section at the supermarket. Not to be confused with Coconut milk used in cooking)

- Several Phytohormones are found in young coconut water especially cytokinins, auxins and gibberellins.
- It can be used in combination with fertilizers at a rate not exceeding 5 ml/l. It needs to be applied promptly after mixing.
- Once opened, coconut water will ferment, even if kept in a refrigerator. Perhaps surplus can be frozen for later use but I don't know if freezing has a deleterious effect.

Coconut water is used in most media formulae in flasks for propagation of Orchids either from seed or by meristem culture. (It is not usually used in replated flasks where banana is the preferred organic constituent)

### Other biostimulants

Kelp (eg Seasol) and fish/kelp combinations

Worm juice (use sparingly)

Wood char vinegar (condensate from volatiles released during burning of wood). Use care with this as it will burn roots if too concentrated. 5 ml/l is the maximum recommended concentration, reducing to 3 ml/l if used repeatedly.

John Hughes of Bundaberg has had considerable success with wood char vinegar as a bio-stimulant. Details can be found on his web site at <http://hughescattleyas.com/green-man-char-wood-vinegar/>

Amino acids, eg Aminogro - Auxins, eg Auxinone



Species October

Judges Choice



*Cattleya intermedia* - Judy

Best Specimen



*Dendrobium thrysiflorum* Rod & Jan

*Angraecum leonis*, *Bifrenaria harrisoniae* x 2, *Brassia verrucosa*, *Bulbophyllum cumingii*, *Bulbophyllum lobbii*, *Calanthe pulchra*, *Cattleya intermedia* x 2, *Cattleya maxima*, *Chiloschista extincitoriformis*, *Chiloschista viridflava*, *Chysis limminghei*, *Dendrobium aphyllum*, *Dendrobium barbatulum*, *Dendrobium chrysotoxum*, *Dendrobium discolor*, *Dendrobium primulinum*, *Dendrobium thrysiflorum*, *Holcoglossum rupestre*, *Jumellea arachnanthe*, *Leptotes bicolor*, *Maxillaria lineolate*, *Paphiopedilum callosum* var *sublaeve*, *Paphiopedilum delenatii*, *Paphiopedilum pearcei*, *Phaius tankervilleae*, *Phalaenopsis japonica*, *Phalaenopsis manni*, *Phalaenopsis schilleriana* x 2, *Phalaenopsis stuartiana*, *Renanthera monachica*, *Trichoglottis luchuensis*, *Trichoglottis trifloral*, *Vanda coerulescens*, *Vanda merrillii*, *Warczewiczella discolor*.



*Angraecum leonis* var. *comorensis*



*Cattleya maxima*



*Chiloschista viridiflava*



*Chysis limminghei*



*Renanthera monachica*



*Trichoglottis luchuensis*



*Paph callosum* var. *sublaeve*



*Dendrobium chrysotoxum*



**Species September**

**Judges Choice**



***Paphiopedilum micranthum*  
Beryl & Graham**

**Best Specimen**

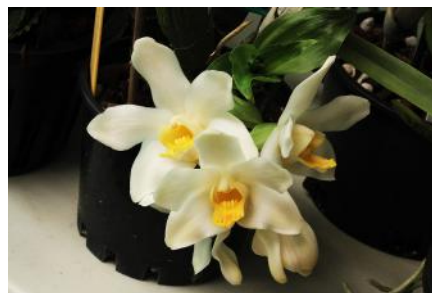


***Dendrochilum wenzelii*  
David & Lorraine**

*Angraecum distichum*, *Ansellia africana* x 2, *Aspasia principissa*, *Bulbophyllum abbreviatum*, *Bulbophyllum unknown*, *Bulbophyllum wendlandianum*, *Cattleya amethystoglossa* x 2, *Cattleya caulescens*, *Cattleya harpophylla*, *Cattleya intermedia* x 2, *Cattleya walkeriana*, *Chiloschista usneoides* x 2, *Chiloschista viridiflava*, *Chysis bractescens*, *Coelogyne speciosa* x 2, *Cymbidium lowianim*, *Dendrobium bilobum*, *Dendrobium nobile*, *Dendrobium pacificum*, *Dendrochilum wenzelii*, *Diploprora truncate*, *Epidendrum flexuosum*, *Gastrochilus calceolaris*, *Gomesa echinata*, *Guarianthe aurantiaca*, *Guarianthe skinneri*, *Maxillaria schunkeana*, *Maxillaria variabilis*, *Paphiopedilum micranthum*, *Paphiopedilum villosum*, *Pelatantheria insectifera*, *Plectorrhiza beckleri*, *Sarcochilus unknown*, *Vanda coerulescens*



*Bulbophyllum abbreviatum*



*Chysis bractescens*



*Guarianthe aurantica*



*Coelogyne speciosa*



*Cattleya caulescens*



*Cattleya amethystoglossa*

# 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](mailto: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	<a href="mailto:nambourorchids@gmail.com">nambourorchids@gmail.com</a>
Treasurer	Jean Harris	07 5445 3307	
Editor	Richard Hand	07 5442 2879	<a href="mailto:rhand39@gmail.com">rhand39@gmail.com</a>

**All correspondence to the Society should be addressed to [nambourorchids@gmail.com](mailto:nambourorchids@gmail.com)**

**Articles** for inclusion in the Newsletter should be sent to the editor at [editornambourorchids@gmail.com](mailto: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](mailto:_nambourorchids@gmail.com) [www.nambourorchidsociety.com](http://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.