

Nambour Orchid News October 2014

Greetings!
Greetings!
Articles for the newsletter are very welcome. Please forward to the editor by post or email nambourorchids@gmail.com by the 15th of each month.

Meetings

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 the business meeting.

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

Species appreciation get together is held monthly from February to November at member's homes.

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

Cultural meetings & guest speakers

We have a plant sales table at each meeting for members to sell any surplus plants. If you have any that you would like to sell, bring them along, tagged with your name & price so members can purchase them. Members are responsible for their own plants. Plant sale tags are on our website.nambourorchidsociety.com - Go to links/forms

Judges Choice of the Month Dendrobium chlorostylum Ganep (Grown by W. & J. Harris)



This is a miniature to small sized epiphyte from southern China and north Vietnam. It is warm to cool growing and carries many blooms on both leafy and leafless stems. The flowers bear a close similarity to those of *D. nobile* but are much smaller. Two or three flowers appear at the nodes of the stem and are about 40mm across.

Our plant grows in a bark mix with added coarse perlite and about 10% charcoal. It receives plenty of water in the growing season and regular fertilising.

Directory of office bearers

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Den. Lisa 'Cream, (A.Mooney)



Dendrobium teretifolium (W. & J. Harris)



Bulbophyllum sumatranum (W. Letcher)



Cattleya intermedia (W. Letcher)



Oncid. Sweet Sugar (A. Mooney)



Dendrobium hepaticum X Den. fuliginosa (W. Letcher)

Prize winners at the Glasshouse show. Congratulations to those who participated. Did you know that the society took out third prize in the display section? Well done!

J. Robbins 1st *Rlc.* China Dragon

1st Lc. Lues Angel Beau 2nd Cattleya harpophylla

3rd C. Cherry Bee X Dal's Prospect

3rd *C.* Hsinying Excell3rd *Phrag.* Noirmont3rd *Psychopsis papilio*

1st Aglaonema

2nd *Aglaonema* 'Red Fire' 3rd *Begonia* 'Iron Cross'

J. Robertson 1st Den. Wonder Nishi

1st Oncidium stramineum
1st Paphiopedilum Maudiae
2nd Paph. Mary Franz Smith
2nd Paphiopedilum sukhakulii

3rd Paph. Fanaticum

M. & J. Rivers 1st C. Dendi's Perfection

J. Carlton 3rd Phalaenopsis amabilis

M. & A. Vlekkert 1st *Cym.* Uncle Everett 'Dark Red'

1st Dendrobium kingianum 'Red No. 2"

1st Sarco. Cherie Snow

2nd Sarco. Elizabeth 'On Forevever'

2nd Den. Yodogimi 'No. 1'

Also seen at the Sept. cultural meeting meeting:



Bulbophyllum levatii (W. & J. Harris)



Dendrobium lichenastrum (W. Letcher)

Native orchid of the month Dendrobium tetragonum Cunn.



Dendrobium tetragonum var. tetragonum



Dendrobium tetragonum var. melaleucaphilum,

Allan Cunningham (Botanist & explorer) collected the holotype of this species from Moreton Bay in June 1828. He described it as "an epiphyte hanging loosely from the stems of small trees in dry shaded woods, Moreton Bay"

In this article I will discuss the two varieties which can be found in our region as well as the well known form from North Queensland.

The type form of the species var. *tetragonum is* a widespread and common plant extending from Fraser Is.to near Tomerong just west of Jervis Bay, NSW. It is found from coastal lowlands through to about 1200m and particularly along streams. Flowers are about 30-45mm x 20-40mm, greenish to yellowish with a dark red/brown marginal band. The form illustrated here is a particularly colourful plant.

Dendrobium tetragonum var. melaleucaphilum ranges from the Blackdown Tablelan through to the Blue Mountains in NSW up to about 450m. It is locally common occuring as an epiphtye but occasionally is found on rocks. It prefers sheltered environments particularly near streams. It commonly is found on paperbark trees in swamps near the coast. Flowers are about 60-80mm x 20-40mm greenish to greenish yellow with occasional red markings. Mid lobe of labellum is broad when flattened.

Dendrobium tetragonum var. giganteum is a form which can occasionally be seen on our show benches. Its range is from the Iron Range on Cape York to Mackay. It is locally common and can be found on trees in the shade beside streams. Flowers are about 70-120mm x 60-80mm and are greenish-yellow with prominent red markings. The mid lobe of the labellum is much narrower than the lateral lobes when flattened.

There are 2 or 3 other forms that have been described but are rarely seen. Perhaps the exception is var. *cacatua* which is a very pale form with few if any red markings.

All forms of the species are easily grown in the bush house and are best mounted and watered frequently throughout the year. Pot culture can be successful also.



Dendrobium tetragonum var. giganteum

Species Identification Competition

Well it appears that the task of identifying last month's plant was too difficult. That means I win! Seriously, no entries came through and thus I can only assume one of two things; that it was too difficult or worse that there is no interest in the competition.

The species was a strongly coloured form of *Arundina graminifolia*, a common plant throughout much of Asia, It has colonized many new habitats, including Hawaii, Puerto Rico, Jamaica and Guadeloupe. mostly as a weed in disturbed ground. It is commonly called the bamboo orchid because of it's thin, tall stem with alternating, lanceolate, acuminate leaves.

This month's mystery plant comes in a couple of colour forms so don't be misled by this image



October species appreciation group meeting

The October meeting of the species discussion group, held at the Parkes' residence was a great success, following a barbecue lunch aided by liquid refreshments. Twenty-two people attended producing about 80 plants as listed below. It augurs well for our forthcoming show. Don't miss it! Be in it!

Bill Letcher's *Coelogyne marmorata* was plant of the month, and he also took out cultural plant of the month with *Guarianthe skinneri*. Nice work Billy. Images are on a separate page.

Brasiliorchis chrysantha (Maxillaria), Brassia brachiata, Bulbophyllum treschii,
Cattleya harpophylla x 2, Cattleya intermedia x 6 different clones, Cattleya mossiae, Cattleya skinneri, Cattleya walkeriana, Cleisostoma williamsonii x 2, Coelogyne lawrenceana, Coelogyne marmorata Coelogyne pandurata, Dendrobium amethystoglossum, Dendrobium aureicolor,
Dendrobium farmeri, Dendrobium fimbriatum, Dendrobium findlayanum, Dendrobium flagellum,
Dendrobium jenkensii, Dendrobium lituiflorum, Dendrobium signatum, Dendrobium striolatum,
Dendrobium trigonopus, Epidendrum stamfordianum, Eria javanica, Gomesa echinata,
Guarianthe skinneri, Guarianthe skinneri var. alba x 2, Leptotes bicolor, Oeniella polystachys x
2, Paphiopedilim hirsuitissimum, Paphiopedilum delenatii, Paphiopedilum moquetteanum,
Phalaenopsis mariae, Phalaenopsis philippinensis, Phalaenopsis schilleriana, Phalaenopsis
stuartiana, Psychopsis papillio var. alba, Restrepia lansbergii,

Scaphosepalum fimbriatum, Scaphosepalum swertifolium, Schoenorchis juncifolia, Stelis sp. 1, Stelis sp. 2, Trichoglottis rosea, Vanda ampullaceum, Vanda dearei, Vanda javierae, Vanda lamellata var. remediosae, Vanda limbata, Vanda pumila, Vanda tricolor,

SPECIES SHOW!

Don't forget the greatest display of species orchids at our annual show: on 31 Oct & 1 Nov. (set up 30 Oct.) at the Uniting Church Hall, Nambour

> This is an open show, all are welcome Show schedule available from the secretary



Gomesa echinata

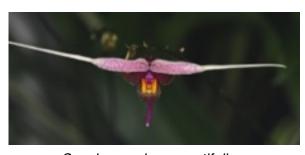


Vandopsis gigantea



Schoenorchis juncifolia





Scaphosepalum swertifolium



Dendrobium lituiflorum



Coelogyne marmorata



Vanda javierae



Leptotes bicolor



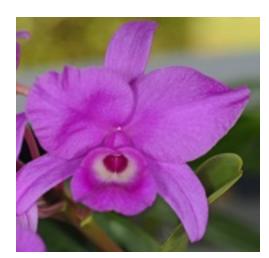
Guarianthe skinneri alba



Dendrobium amethystoglossa



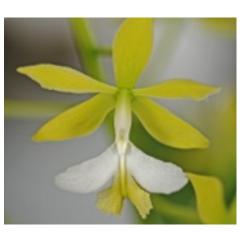
Coelogyne pandurata



Guarianthe skinneri



Phalaenopsis philippinensis



Epidendrum stamfordianum alba



Phalaenopsis mariae



Coelogyne lawrenceana

The following notes relate to name changes in the *Cattleya* alliance species. The consequences are that many of the hybrid names must also be changed. At the end of this article I have listed for you some of the more significant changes in the hybrid names. An excellent source for this information is also to be found at: http://staugorchidsociety.org/PDF/ChangesinOrchidNomenclature-CattleyasbySueBottom.pdf Much of this article is derived from this source.

Central American Cattleya

Guarianthe deckeri

species have been split into *Guarianthe*. The taxonomists pulled the Central American bifoliate

species out of *Cattleya* in 2003 and created the new genus *Guarianthe* to accommodate them. Dressler and Higgins felt this group was out of place in

Cattleya, partly on the basis of DNA analysis, and proposed the new generic name based on 'Guaria', a Costa Rican word for orchid, and the Greek term for flower, 'anthe'.



Guarianthe aurantiaca

Cattleya species moved into the genus Guarianthe include: G. aurantiaca, G. bowringiana, G. deckeri, G. patinii, and G. skinneri.



Rhynocholaelia digbyana



Rhyncholaelia glauca

Some *Brassavola* species have been split off into *Rhyncholaelia*. The taxonomists pulled two species out of *Brassavola* and created the new genus *Rhyncholaelia* to accommodate them. Though this change was made prior to the turn of the century, many growers still refer to them as *Brassavola*. The fimbriate lip of *R. digbyana* is very popular with hybridizers and has been incorporated into many hybrids such that the 'B' in the majority of the old Brassocattleya and *Brassolaeliocattleya* hybrids is from this species.

Brassavola species moved into the genus Rhyncholaelia, are R. digbyana, and R. glauca.

The taxonomists moved the rest of the Brazilian *Laelia* species into *Cattleya*, including the colourful Brazilian rupicolous *Laelia* species. Only *Laelia* species from Mexico and Central America are now still considered to be in the genus *Laelia*. These include *L. anceps, L. albida, autumnalis, L. gouldiana, L. rubescens,* and *L. speciosa.*

Other Brazilian Laelias have been moved into the Genus Cattleya. These are supposedly more closely related to the Mexican laelias, such as L. anceps, based on DNA sequencing. These include: *C. alaorii, C. jongheana, C. perrinii, C. pumila, C. sincorana, C. bradei, C. briegeri, C. cinnabarina, C. harpophylla,* and *C. longipes*

The genus *Schomburgkia* is no longer used. The species are split into *Myrmecophila* and *Laelia*. The hollow pseudobulb *Schomburgkia* were moved into *Myrmecophila*. The genus name *Schomburgkia*, which meant ant lover and referred to the symbiotic relationship

these plants had with ants living within the hollow



Laelia anceps

pseudobulbs, is no longer applicable.

This also eliminated the inter-generic *Schombocattleya* (*Smbc.*), etc.



Cattleya sincorana



Cattleya alaorii



Cattleya briegerii

Some of the Schomburgkia that were moved Into the genus Myrmecophila include: M. albopurpurea, M. brysiana, M. exaltata, M. thomsoniana, and M. tibicinis,



Myrmecophila thomsoniana

Some of the Schomburgkia species that were moved Into the genus Laelia include: L. lyonsii L. rosea L. splendida L. superbiens and L. undulata.



Laelia superbiens

The taxonomists moved all the *Sophronitis* species into the *Cattleya*. These mostly cool growing orchids have

been used to impart their intense red coloration to their progeny. Combining Sophronitis

with *Cattleya* did not result in any new inter-generic names rather it eliminated the need for many intergeneric names like *Sophrocattleya* (*Sc.*), *Sophrolaelia* (*Sl.*), *Sophrolaeliocattleya* (*Slc.*) and *Potinara* (*Pot.*). Some notable renamed *Sophronitis* species include: *C. brevipedunculata*, *C. cernua*, *C. coccinea*, and *C. wittigiana*.

The reclassifications of the various genera align the orchid groups more geographically. Laelias are found from Mexico through Central America into Northern South America. *Cattleya* is primarily a Brazilian genus with some unifoliate species extending into the northern Andes and Central America. The *Guarianthe* are found in



Cattleya coccinea

Central America. The negative consequence of this new nomenclature is the renaming of

How to use the following tables:

Each of the coloured columns indicate the abbreviation for the following generic name. The green column is the combination you wish to make with the name shown in the "Table" title. The pink column is the name accepted by the RHS and its abbreviation and is the one you should use for your labels etc. The third blue column is the previously known name used by the RHS. The pink column is all that you need to be up to date.

Table 1. Guarianthe Combinations with Other Genera in the Cattleya Alliance

Combine Guarianthe with:		To create this intergeneric		Previous nomenclature	
C.	Cattleya (C.)	Ctt.	Cattlianthe	C.	Cattleya
Cty.	Cattleychea (C. x Psh.)	Pgy.	Proguarleya	Ерс.	Epicattleya
Ctn.	Cattleytonia (Bro. x C.)	Gct.	Guaricattonia	Ctna.	Cattleytonia
Cty.	Catyclia (C. x E.)	Eny.	Enanthleya	Ерс.	Epicattleya
Clt.	Caulocattleya (C. x Cau.)	Gty.	Guarthroleya	Clty.	Caulocattleya
E.	Encyclia (E.)	Gcy.	Guaricyclia	Ерс.	Epicattleya
Ерс.	Epicattleya (C. x Epi.)	Ett.	Epicatanthe	Ерс.	Epicattleya
Ері.	Epidendrum (Epi.)	Gdd.	Guaridendrum	Ерс.	Epicattleya
L.	Laelia (L.)	Lnt.	Laelianthe	Lc.	Laeliocattleya
Lc.	Laeliocattleya (C. x L.)	Lcn.	Laeliocatanthe	Lc.	Laeliocattleya
Me.	Meloara (C. x Cau. x L.)	Jkf.	Jackfowlieara	Lcr.	Laeliocatarthron
My.	Myrmecattleya (C. x Mcp.)	<i>Gcp.</i>	Guaricatophila	Smb.	Schombocattleya
Ps.	Prosthechea (Psh.)	Grc.	Guarechea	Ерс.	Epicattleya
Rc.	Rhyncatclia (C. x E.)	Bul.	Bullara	Ерс.	Epicattleya
Ry.	Rhyncatlaelia (C. x L. x Rl.)	Rcg.	Rechingerara	Blc.	Brassolaeliocattleya
Rby.	Rhynchobrassoleya (B. x C. x Rl.)	Chz.	Cahuzacara	Bc.	Brassocattleya
RI.	Rhyncholaelia (Rl.)	Ryn.	Rhyncanthe	Bc.	Brassocattleya
RIc.	Rhyncholaeliocattleya (C x Rl)	Rth.	Rhyncattleanthe	Bc.	Brassocattleya
Rly.	Rhyntonleya (Bro. x C. x Rl.)	Vkt.	Volkertara	Stlma.	Stellamizutaara

Table 2. Guarianthe Combinations with Other Genera in the Cattleya

Combine <i>Guarianthe</i> with:		To create this intergeneric		Previous nomenclature	
B.	Brassavola (B.)	Rcv.	Rhynchovola	B.	Brassavola
Bct.	Brassocatanthe (B. x C. x Gur.)	Chz.	Cahuzacara	Bc.	Brassocattleya
Bc.	Brassocattleya (B. x C.)	Rby.	Rhynchobrassoleya	Bc.	Brassocattleya
Ctyl.	Catcylaelia (C. x E. x L.)	Aea.	Appletonara	Yhra.	Yahiroara
C.	Cattleya (C.)	Rlc.	Rhyncholaeliocattley	Bc.	Brassocattleya
Ctyh	Cattleychea (C. x Psh.)	Pry.	Prosrhyncholeya	Vnra.	Vaughnara
Ctna	Cattleytonia (Bro. x C.)	Rly.	Rhyntonleya	Stlma.	Stellamizutaara
Ctt.	Cattlianthe (C. x Gur.)	Rth.	Rhyncattleanthe	Bc.	Brassocattleya
Cty.	Catyclia (C. x E.)	Rcc.	Rhyncatclia	Vnra.	Vaughnara
Clty.	Caulocattleya (C. x Cau.)	Rry.	Rhynarthrolyea	Hook.	Hookerara
Eny.	Enanthleya (C. x E. x Gur.)	Bul.	Bullara	Vnra.	Vaughnara
Epc.	Epicattlya (C. x Epi.)	Rnd.	Rhycatdendrum	Vnra.	Vaughnara
Epi.	Epidendrum (Epi.)	Rdd.	Rhynchodendrum	Вері.	Brassoepidendrum
Gur.	Guarianthe (Gur.)	Rhy.	Rhyncanthe	Bc.	Brassocattleya
Gct.	Guaricattonia (Bro. x C. x Gur.)	Vkt.	Volkertara	Stlma.	Stellamizutaara

Table 3. Rhyncholaelia Combinations with Other Genera in the Cattleya Alliance

Combine Rhyncholaelia with:		To create this intergeneric		Previous nomenclature	
L.	Laelia (L.)	Lrn.	Laelirhynchos	BI.	Brassolaelia
Lcn.	Laeliocatanthe (C. x Gur. x L.)	Rchg	Rechingerara	Blc.	Brassolaeliocattleya
Lcr.	Laeliocatarthron (C. x Cau. x L.)	Mel.	Meloara	Col.	Collierara
Lc.	Laeliocattleya (C. x L)	Ryc.	Rhyncatlaelia	Blc.	Brassolaeliocattleya
Led	Ledienara (C. x Cau. x Gur. x L.)	Jkf.	Jackfowlieara	Col.	Collierara
Мус	Myrmecocattleya (C. x Mcp.)	Rmy.	Rhynchomyremeleya	Recc.	Recchara



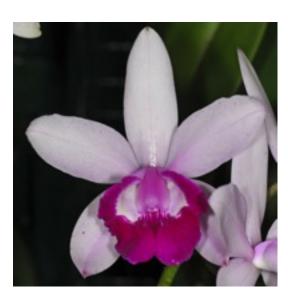
Laelia rubescens



Cattleya walkeriana



Cattleya skinneri



Cattleya intermedia



Cattleya tenebrosa

Forthcoming major events



2016 - Sub Tropical Orchid Council Queensland

Diamond Festival of Orchids, 2016 Hosted by the Nambour Orchid Society Inc. Saturday & Sunday June 11th & 12th

Lake Kawana Community Centre Sportsmans Parade, Bokarina.Qld

Website: <u>www.nambourorchidsociety.com</u>

NOS Inc Xmas Lunch

The big event of the year will be held at the Masonic Lodge, Blackall Tce., Nambour, on Sun. 7 Dec.commencing at 11.30 am. Cost will be \$5 per head for members. Every participant will receive a lucky door prize!

2015 - 1st AOC/TQOC Conference, Australia. It was agreed to combine both conferences TQOC and AOC into one major event to take place in Mackay, Qld, 16 -23 September, 2015. for more information: PO Box 776, Mackay, Qld 4740; phone 0428 198960; e-mail jnfo@orchidsinparadise.com.au

Forthcoming date claimers

Date	Event	Location	Comments
25 Oct.	NOS cultural mtg		2 pm
31 Oct, 1 Nov	NOS species show & Trade Fair	Uniting Church hall Nambour	Set up 30 Oct
8 Nov.	NOS species group		2 pm
8 Nov.	STOCQ meeting	Catholic Church Hall, Tewantin	9 am
22 Nov.	NOS cultural mtg		2 pm
7 Dec.	NOS Xmas lunch	Masonic Lodge Blackall Tce.	11.30am

Payments to the Society can be made by several methods: by cash; by cheque; and now you can pay by Direct Funds Transfer (DFT) from <u>your</u> bank account via the internet. The society's bank details are as follows:

ODANI - L. DOD COLLAGA

CBA Nambour Branch, BSB 064 424, Account No. 00909232

Please make sure that you include **your name** and **payment type** (eg 'subscription', 'potting supplies' etc.) in the appropriate fields. An e-mail to the treasurer advising that payment has been made would be appreciated.