



**BATEMANS
BAY ORCHID
AND FOLIAGE
SOCIETY INC.**

PO Box 3334 Batehaven

NSW 2536

**Newsletter –
SEPTEMBER 2020**

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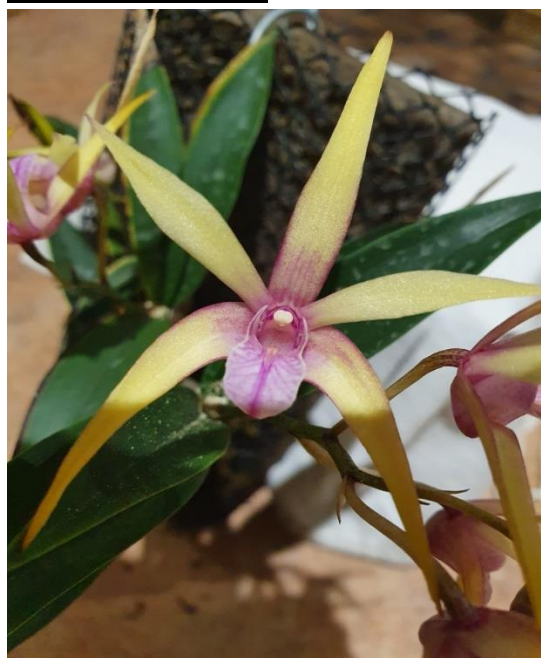
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President's Report



Den Unknown Brian Coulton (lost tag in fires)

Hello members,

Winter is nearly over and we are starting to see some the signs of Spring. Flower spikes are happening over many orchids and we would normally be anxiously awaiting our Spring Show, hoping these lovely orchid blooms would show themselves off in a winning manner. Alas no 2020 Spring Show, bring on 2021, [hopefully many shows for the coastal areas next year].

As we want our orchids to grow into Spring with renewed vigour, we need to fertilise them, remove dead leaves and hunt down those insects, which damage them. Now is also the time to watch for fungus, we have had an overabundance of rain and humidity.

With the restrictions on us, don't be shy to ring other members, exchange stories of "that huge bud or something's been munching on my spike". They too will have a story or two and it is always nice to talk about our hobby.

Thank you to Margaret for this lovely newsletter.

I hope members, your health is good and we will see each again, very soon. Cheers Anne-Marie ☺



Our Presidents' Cym. Has tracyanum in it but other than that is unknown.



Jonathan Glory Dark Joy Margaret Turner – our grow experience plant from a couple of years ago.

Our Next Meeting –

I have contacted the Soldiers Club and they have told me that we can have a September meeting, however it will be an **AFTERNOON** meeting. Room is booked from 1- 4pm. Benching will be from 1, voting 1.30, meeting at 2pm. We have to be packed up and out of there by 4pm. As we will still need to go around to the front door on Beach Road, it is suggested that you limit the number of plants you bring in – maybe 5 or whatever you can fit into one box.

Meeting Protocols Reminder

- Please do not come to the meeting if you do not feel well.
- Please maintain a distance of 1.5 meters from each other at all times, keeping to your seat as much as possible.
- You must sign in, both at the club and the meeting,
- Do not congregate to ensure social distancing is maintained.

- Please use hand sanitizer as you enter, before you do Popular Vote and before supper.
- Do not engage in any activities that involve physical contact, including hand shaking and hugging or multiple people having contact with equipment.
- Feel free to wear a mask if you wish.

From the Committee

Once again, Anne-Marie and I were discussing the options of a committee meeting. However, we decided to err on the side of caution when we heard about the new cases of the virus last week. As a result, there has not been a meeting. I have not heard from any members in relation to the suggestions put about the birthday party next year or leaving it until we turn 20. I think the majority of the committee think it would be best left until we turn 20. If you would like comment, could you please email me or phone me on 0409442704. Thank you.

As we are able to have a meeting, I have spoken with Tony & Liz and he/they will put together a short discussion about “Orchid Culture” for the meeting.

The AGM is due in November. This is usually held in conjunction with an orchid only auction. We are hoping that by November we will be able to have meetings, With that in mind will this auction also be a bic-a-brac as well as an orchid auction? Please let me know what you think.



Cym tracyanum “Superior #2 x Bold Move Madam Butterfly Liz & Tony

Club Members

The BBOFS wishes any Member who may be unwell all the best for a speedy recovery. Please stay safe during this period.



Den x delicatum Robert & Sue Fish

Congratulations to Robert & Sue Fish

At the South and West Regional Show in Moruya last year, Robert & Sue Fish's plant Den x *delicatum* "Lorelai" ACC/AOC was also awarded the Culture of the Year by the AOC/NSW 2019. Congratulations to you both.



The Award finally arrived, via a fairly roundabout route.

The Award is acknowledged in both the June and August copies of the Orchids Australia magazine.

"Lorelai" is looking like putting on another beautiful display this year.



In Your Orchid House

Anne-Marie has covered some of this in her report. Keep an eye on the spikes so that you can stake them if need be for the best show. Hopefully we can have a couple of meetings to be able to show them off to other members.

I hope members find the following interesting.

Mericlone 1—The Technique Julian Croker Reproduced with permission from the Orchid Societies Council of Victoria website.

Mericlone is a process for propagating orchids in large numbers, producing a plant identical to the parent. Although this article has some technical terms it does explain the process clearly. In every shoot tip and root tip there is a small area of cells that are not committed to develop into any particular structure. These undifferentiated cells of the meristematic area are the cells that make mericlone possible. The meristematic area is very small, a sphere about one millimetre in diameter. But if this region is dissected from the shoot tip and placed in a suitable nutritive medium, it is capable of producing countless

reproductions of the plant from which it has been removed. It's unnecessary to take such a small piece of tissue in the case of cymbidiums. A cube with a side length of 3 – 4 mm will suffice, provided that it contains the meristematic area. If this is placed into a nutritive medium, either liquid or solid (such as Knudson's medium), it will produce protocorm like bodies that will eventually grow into new plants. Aseptic procedures must be practiced at all stages, because the nutritive media are equally supportive of bacteria and fungi and these will quickly overgrow and probably poison the explant. If the excision is successful, the base of the explant will swell within 4-6 weeks and from this swollen tissue one or more green spherical bodies, commonly referred to as protocorms, will develop. They consist of a pith core covered by an epithelial layer. As they grow, each protocorm will eventually produce a shoot from an area on its epithelium and this will in turn produce a root, thus yielding a new plant. However, this procedure would result in a very limited number of replications, so prior to the development of the shoot, the protocorm is cut or crushed so that it produces a number of second generation protocorms. This procedure is repeated until sufficient protocorms have been produced to yield the required number of plants (one per protocorm). The possibility of mutations increases with successive replications, so a limited number of plants, ideally between 200 and 500, are made. Each plant should be an exact replica of the parent. However, mutations can occur during multiplication and variation will occur. Most mutations are deleterious so these are to be avoided, although occasionally a desirable variant results. It is undesirable to mericloning a mericloning. The original parent plant should be the only source of tissue used. Where mericlones are mericloned and these are in turn mericloned again, the incidence of undesirable mutations increases markedly. It is always the innocent orchid, not the proliferator that receives the blame when the mericloning turns out to be inferior. Try

photocopying a picture and then repeatedly copying each copy. Which gives the best result? In colchicine conversion, where the diploid state is converted to the tetraploid, colchicine is applied to the protocorm in the hope that some epithelial cells will double their chromosome count. If this occurs and the protocorm survives the treatment, a plate of tetraploid-converted cells then develops and if a leaf shoot arises from this area, then a tetraploid plant results. Mericloning was developed by Morel as a side effect from his attempts to rid cymbidiums of virus disease. It has mixed blessings. It has made replication in many genera so easy that plants can be produced at a very reasonable cost. However, if a particular clone is over-exploited it can remove its exclusivity, and that of cymbidiums in general. Always attempt to purchase your mericlones from the original grower or his/ her agent, and try to ensure that they come from a limited run of tissue taken from the original parent plant. A flask of mericloned cymbidiums. Mericloning or Seedling? Unlike mericlones, as the name suggests, a seedling is an orchid grown from seed. Once an orchid flower is pollinated, it will produce a seed pod with thousands of seeds contained within it. The seeds are so small, they actually look like dust when dispersed. These seeds can be germinated in sterile laboratory conditions, but can also take years to grow. Seedling orchids are different to mericloning orchids because they will not be identical to the parent plant. There is a genetic lottery with seedling orchids; no two seeds will develop the same way. Seedling orchids are usually created when growers wish to produce a new hybrid. If one of the offspring turns out to be very good, perhaps better than the parents, then the owner may choose to have it mericloned, thereby producing perhaps hundreds of identical orchids. Most hybrid orchids for sale these days are mericlones but the seedling lottery is always exciting.



Dock. teretiflorum Liz & Tony

Wish List and For Sale for members

If any member is seeking a particular plant, would you like to see it listed then others may be able to assist you obtain one. This could also be used to place plants that you would like to give away or sell.

Anne-Marie is looking for: Stanhopea Alba; Psychopsis; Ming & Foxtail ferns which will be used for floral art.

Margaret has a couple of hundred 50 and 60mm square and round pots to get rid of. Happy to give them away or for a small donation - all of them or in smaller groups. Please contact Margaret on the number at the top of the newsletter if interested in some or all of them.



Den Colonial Surprise x Aussie Springtime x Zip Yes Annetta x Den Aussie Mac Una Roberts

Dates for your 2020 Diary

September

5 - 6 BBOFS Spring Show Soldiers Club Batemans Bay **Cancelled**

12 – 13 MUOS Spring Show Ulladulla

17 - 18 SCOC Spring Show September Civic Centre Bega **Cancelled**

19 – 20 Canberra Orchid Society Annual Show Ainslie Football Club

October

9 – 11 Southern Orchid Spectacular Sutherland

17 - 18 BBOFS Native Show Soldiers Club Batemans Bay **Cancelled**

30 - 31 SCOC Native Show Twyford Hall, Merimbula **Cancelled**



Cym Uluru "Orange Delight" Liz & Tony



Phal Hybrid Intermedia (Portei) x Gigantea
Robert & Sue Fish



Den Aussie Parade "Carrot Splash" x
Hilda Poxen "Rusty Bucket" Margaret
Turner



Phal Tying Shin Tarzan "Warrigal" x
Cyingrabys Blood Red Robert & Sue Fish



Den aemulum (Iron Bark Orchid) Liz
Cleaver & Tony Groube



Phal Homeline Rose x Jiumbao Red
Rose x Jiunbao Robert & Sue



Den Unknown Una Roiberts

Soldiers Club Beach Road
Major sponsor of our club.



Bunnings of Bateman's Bay

Sponsoring our Club through its
BBQ's and other activities.

Apia Insurance



Specialising in Insurance for the
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Contact is: Peter Cordina

Mobile 0419 248 047

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Supporting our club by sponsoring
our shows.

The cultural information offered in this newsletter is intended as a guide only. Bateman's Bay Orchid & Foliage Soc. Inc. cannot be held responsible for any loss or damage that may occur to plants as a result of using this information.

A word from a wise friend.

I listened to one of the medical authorities on TV saying that in this time of Coronavirus crises, while staying at home we should focus on inner peace. To achieve this, we should always finish the things we start. This may contribute to calming our lives. I looked around my home to discover things that I'd started but hadn't finished, so I finished off a bottle of Merlot, a bottle of Chardonnay, a bottle of Baileys, a bottle of wum, the remainder of Valiumun scriptuns, and a box of chocletz. Ya haf no idr how fablus I feel rite now. Sned this to all who need inner piss and telum u luvum.

There may be a few of us who can relate to this.