



SOUTHERN ONTARIO
ORCHID SOCIETY NEWS
January 2022, Volume 57,
Issue 1 Meeting since 1965

SOOS Virtual Meeting

Sunday, January 2nd, 2022,

1:00 PM (EST)

Celebrating SOOS

Election of Board of Directors for 2022/23

Followed by the
SOOS Virtual Show Table

Entry Rules:

1. Take photos between Sun. Dec. 19th and Wed. Dec. 29th.
2. Email photos to virtual@soos.ca by midnight of the 29th.
3. One plant per email please including:
~ what you love about your plant, and
~ the name of your orchid.
4. Limit of 10 slides per member; displays allowed.

Click to join from your computer, tablet or smartphone:

<https://www.gotomeet.me>

or

Dial in using your phone:
Canada: [+1 \(647\) 497-9373](tel:+16474979373)
Access Code:

New to GoToMeeting? Get the app now and be ready when your first meeting starts:

<https://global.gotomeeting.com/install/340740365>

Please note that because this meeting is being produced via an internet program the participation capacity is limited to SOOS members only. Be sure to check that you have renewed your membership for 2020. 2020 Memberships have been extended to the end of 2021. **2022 memberships are available now..**

Virtual Show Table – Celebrating SOOS

We have a special meeting planned for January 2nd; we will be focusing on SOOS and celebrating many of the wonderful things that we have accomplished over the years.

In 2015, H & R Orchids created the cross *Dendrobium* SOOS Celebrates 50 in honour of our 50th anniversary. All members at that time received one of the plants. We would like to see a photo of your plant as it is now. Since many have passed on to the compost heap in the sky, a photo of your plant at its peak would be perfectly acceptable.

Also Terry Kennedy will present the pictures of the most recent winners of the top AOS annual judging awards.

And of course, we are also having our regular Virtual Show Table and need to receive your entries by Wednesday, December 29th.

How to participate in your Virtual Show Table:

1. Take photos between Sunday, December 19th and Wednesday, December 29th. Please include a close-up shot of the flower and one of the whole plant. One plant per email works best.
2. Be sure to include:
 - a. the name of the orchid;
 - b. why you love it; and
 - c. how you grow it.
3. Send photo and write up to virtual@soos.ca on or before Wednesday, December 29th.

4. Due to our wonderful member participation, we are limiting each participant to 10 different plants. If you have more than that, please make a display with them. Displays have multiple plants.
5. Submitting photographs to SOOS constitutes permission for SOOS to publish those images; no remuneration is offered or implied.
6. Join us Sunday, January 2nd at 12:45 pm to enjoy our virtual meeting.

Send your best photos. Points will be given in the usual manner towards the 'Orchid Grower of the Year' program for participation and winning. Flowers will be judged and awarded 1st, 2nd and 3rd in each category and the 'Plant of the Month'. Winners will be posted on the SOOS website and the SOOS You-Tube Channel.

Categories will be the same as at in-person meetings:

- ~ Cattleya Alliance
- ~ Vanda Alliance
- ~ Cypripedium Alliance
- ~ Oncidium Alliance
- ~ Dendrobium Alliance
- ~ Cymbidiinae/Catasetinae
- ~ Miscellaneous
- ~ Displays

Don't forget that you can post your photos on the SOOS Facebook *Group* Page anytime of the month!

Editor's Notes.

We are missing our President John Vermeer due to the unfortunate death of his son Olivier. Our sincere condolences to John and his family.

John will be back.

Your current Board of Directors have put together a proposed slate of officers and directors as follows: **Officers (5)**

John Vermeer, President

Vice-President Vacant!!

Sue Loftus, Secretary

Elizabeth McAlpine, Membership Convener

Cathy Dunn, Treasurer, Virtual Program
Committee Chair

Directors (min. 7)

Alexi Antanaitis, 'Cultural Snapshot'

Coordinator

Tom Atkinson, Librarian, TBG Liaison

Inge Poot, Newsletter Editor, plant doctor

Peter Poot, Newsletter Editor

Terry Kennedy, Program Director

Synea Tan, In-Person Show Table

Max Wilson, Tech Committee Chair

Lynda Satchwell, Vendor Liaison

Greg Warner, Volunteer Coordinator

Eric Tai, Website Webmaster

Jay Norris, Director at Large

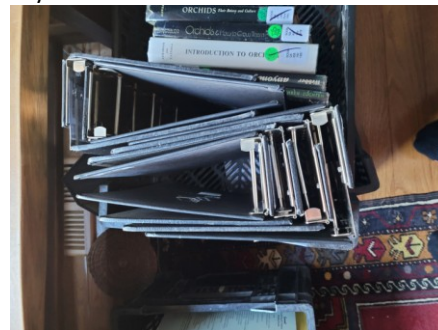
Marion Curry, Director at Large

John Alexander, SOOS Conservation Committee
Co-Chair

Tara Seucharan, SOOS Conservation Committee
Co-Chair

Please note there are still vacancies and additional help and ideas are always welcome. We need a vice president, a show chair, and a social media manager.

We need to thank Terry Kennedy for reviewing and culling our over extended library at the TBG. There are 7 of these heavy duty binders that are looking for a home. Free to anyone who can use them.



There are still quite a number of culled library books available at \$5 each. Some of these have great photos as well as great orchid info so would be great coffee table books to introduce your

friends to orchids. For books or binders get in touch with Terry Kennedy at 905-727-3319 or ourtropics@gmail.com.

Conservation Corner for December 15, 2021 by John Alexander. Another year has rolled by. Still restricted by COVID-19 protocols, it can be challenging to look for the highlights within what has been a taxing additional 12 months of COVID.

However, there have been successes.

I am pleased to announce that the Vidal Bay acquisition project on Manitoulin Island that we generously supported with a donation of \$25,000 earlier this year, has now been completed. This is the largest tract of preserved land south of the Canadian Shield, and the Nature Conservancy of Canada's (NCC) largest project in Ontario. And we helped to make it happen. Well done!

Here are two media links about the project:

CBC radio interview: <https://www.cbc.ca/listen/live-radio/1-41-morning-north/clip/15882993-the-vidal-bay-area-manitoulin-island-protected>

CTV News article: <https://northernontario.ctvnews.ca/nature-conservancy-of-canada-protects-more-than-18-km-of-manitoulin-island-shoreline-1.5697241>

Not finished your shopping yet? Have a conservation enthusiast on your list?

How about our orchid-gami project?

<https://soos.ca/orchid-gami/>

For a truly environmentally friendly gift, check out the Nature Conservancy of Canada's site:

<https://www.natureconservancy.ca/en/what-you-can-do/donate/gifts-of-canadian-nature/>

It will soon be tax time again. (sorry)

If you would like to make a year end gift, here are some suggestions:

For orchid research and conservation, Orchid Species Preservation Foundation, our orchid-gami co-sponsor.

Orchid Species Preservation Foundation

<https://orchidspecies.ca/support/donate-here/>

If environmental justice is your interest, here are two suggestions that actively support conservation:

ecojustice <https://ecojustice.ca/>

Environmental Defence <https://environmentaldefence.ca/>

May the promise of spring bring light to this darkest time of year!

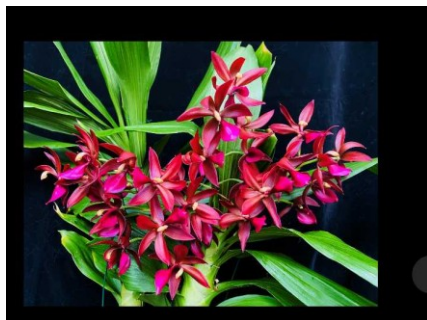
Never doubt that a small group of thoughtful, committed citizens can change the world.

Indeed, it's the only thing that ever has.

Margaret Mead

**Plant of the Month:
Cycnoides Wine Delight 'J.E.M.'
grown by Synea Tan .**

I seem to recall that Synea won with this plant once before! She



does not give it a rest like other people, (like me who killed mine...)but also does not let the temperature drop below 65F and so prevents leaf drop and rest. She repots it once a year, fertilizes with slow release fertilizer and a very weak solution of MSU fertilizer with almost every watering. She gives it good light all year long. Congratulations, Synea!

About SOOS Web site: www.soos.ca ; SOOS

Facebook group:

<https://www.facebook.com/groups/298874747302722/>

Member of the Canadian Orchid Congress; Affiliated with the American Orchid Society, the Orchid Digest and the International Phalaenopsis Alliance.

Membership: Annual Dues \$30 per calendar year (January 1 to December 31). Surcharge \$15 for

newsletter by postal service Membership secretary: **Liz McAlpine, renew or join on line at soos.ca/members. 2020 Memberships have been extended to the end of 2021. 2021 new memberships will renew free of charge for 2022..**

Executive: President John Vermeer, Vice-President ?

Treasurer, Cathy Dunn, Secretary, Sue Loftus; Past President Laura Liebgott,

Other Positions of Responsibility: Program, Terry Kennedy; Plant Doctor, Inge Poot; Meeting Set up, Yvonne Schreiber; Vendor and Sales table coordinator, Lynda Satchwell; Membership and Library, Liz McAlpine; Web Master, Eric Tai and Max Wilson; Newsletter, Peter and Inge Poot; Annual Show, Vacant; Refreshments, Joe O'Regan. Conservation Committee, various C.C. members; Show table, Synea Tan, Cultural snapshots, Alexsi Antanaitis, Directors at large Marion Curry, Jay Norris, Anne Antanaitis, Doug Kennedy. Honorary Life Members: Terry Kennedy, Doug Kennedy, Inge Poot, Peter Poot, Joe O'Regan, Diane Ryley, Wayne Hingston.

We are on facebook at:

<https://www.facebook.com/groups/298874747302722/>

And www.facebook.com/SOOSOrchid/

on Instagram at [instagram.com/soosorchid/](https://www.instagram.com/soosorchid/)

We are also on Utube at

<https://www.youtube.com/watch?v=aOAUvZ5A0hk>

Toronto Judging Centre of the American Orchid Society:
https://www.facebook.com/groups/457408221588858/?ref=pages_profile_groups_tab&source_id=304367208791

Toronto Judging Centre Awards December 4

2021: Paph bullenianum 'Open Arms' HCC/AOS

77points Leslie Ee

Phal Chienlung Little Orange 'Nan' HCC/AOS

79points Johnny Pohanka

Next Judging Saturday January 8, 2022

AOS judging at the Toronto Botanical Gardens Floral Hall. Judges Education at 10 am. Presentations will be available virtually online. Please contact Jean Ikeson at jean.ikeson@gmail.com for an invitation. Only Judges will be allowed attendance, with masks, social distancing, and full vaccination. No observers due to the pandemic

PLANT DROP OFF at 11:30 to 12:30
Lunch and announcements 12-12:30

AOS judging at 12:30pm

PLANTS CAN BE DROPPED OFF AT THE DOOR TO THE FLORAL HALL, ON THE MAIN FLOOR, on the west side of the building, on the right after you enter the main door.

PLEASE KNOCK so we can sign in your plants!.

Exhibitors will be phoned when the plants are ready for pick up. **Please note that judging could be cancelled for further Covid restrictions.**

Broughtonia, by Claude Hamilton, Transcribed by Inge Poot



Broughtonia sanguinea 'Jamaica Beckford'
FCC/AOS, Photo: Claude W. Hamilton, OW 5.3

On November 7, 2021 SOOS had the pleasure of learning a lot about the often difficult to grow genus *Broughtonia*. Claude Hamilton, an expert in the genus and a winner of many awards featuring his breeding in the genus, shared some of his experience with us. He and his wife Elizabeth are

the owners of Hamlyn Orchids which is located near Kingston, in Jamaica. Claude is an accredited judge of the Jamaica Orchid Society and of the AOS. He flies to Miami every month to participate in the AOS judging there!!! That is dedication! He is known as the best *Broughtonia* breeder, who is the originator of 50% of all *Broughtonia* crosses, but also made a name for himself in the breeding of *Encyclias*, *Laelias*, intergeneric *Oncidinae*, *Dendrobiums*, *Phalaenopsis* and *Vandas*. His emphasis is on plants for hot climates and we therefore see little of his plants in cold Canada. In May 2017 Mr Hamilton won the prestigious AOS award of excellence in Hybridizing. He not only earned AOS awards but many other awards all over the world. But somehow he also manages to fit in a couple of other interests in his routine and is an avid Doberman Pinscher owner and exhibitor, as well as an accomplished photographer and exhibitor and to make sure no minute is left free, he also loves music and has amassed a CD

collection acquired as mementos of his travels in Brazil and elsewhere!!!

The genus *Broughtonia* contains six species. Two are endemic to Jamaica, two to Cuba, one to the Bahamas, Cuba and the isle of Jawentul (the name "isle" is misleading, this isle is twice the size of Nova Scotia!) and one on the island of Hispaniola. Hispaniola is shared by Haiti and The Dominican Republic.

The plants are found in hot and sometimes arid places and grow epiphytically on trees or lithophytically on rocks. When growing on rocks they use pockets of leaf mould in the cracks to obtain food and moisture.

Mosquitoes love the same areas, alas! The species from Jamaica come from the coastal areas and it is noteworthy that the North of Jamaica is wetter than the South.



Broughtonia cubensis 'Hamlin's WOW' FCC/AOS
Photo by Claude Hamilton, OW 5.3



Broughtonia ortgiesiana 'Elisabeth Hamilton' AM/AOS
Photo: Claude Hamilton, OW 5.3

Broughtonia (formerly, *Cattleyopsis*) *cubensis* is endemic to Cuba and is rare. *Broughtonia ortgiesiana*, the only fragrant species, (because it is pollinated by bees) often grows with *Broughtonia cubensis*. They grow in dry, hot limestone forests on the Western side of Cuba.

The more common forms of these two species are more cupped (for *cubensis*), not as full (for *ortgiesiana*) and not as colourful as the two exceptional clones shown above.

The hybrid of these two species is *Broughtonia Libertad*. It is a dwarf, slow growing plant. It has dainty white flowers with a lilac throat, red eyes and a yellow blotch!

Some other exceptional clones of the species *Bro. cubensis* above may be natural hybrids, where *ortgiesiana* enhances the shape and colour of *cubensis*.

Another problem for collectors is that *Bro. cubensis* and *Bro. lindenii* (also a former *Cattleyopsis*) look identical as young plants and even grow in the same habitat. But they have different pollinators and don't hybridize in nature.

Broughtonia ortgiesiana is endemic to Cuba. It has arched inflorescences of flat well-spaced flowers. The flowers are similar to *Bro. sanguinea*, but the growth habit is quite different.

All hybrids with it after 2005 were made by Mr Hamilton. One had 32 flowers on one inflorescence!



Bro. Leona 'Hamlyn' AM/AOS, Photo: C. Hamilton, OW 5.3

Bro. Leona (*Bro. sanguinea* X *Bro. ortgiesiana*) is a great hybrid with good flower presentation and nice even colour. Hamlyn Orchids is using the clone 'Hamlyn' in its hybrids to get good spacing of the flowers.



Broughtonia Jamaica Jester AQ/AOS

Photo: C. Hamilton, OW 5.3

Bro. Jamaica Jester (*Bro. negrilensis* X *Bro. ortgiensiana*) is another successful hybrid. It has charming masses of pink, bell-shaped flowers. The cross got an AQ (Award of Quality, for which a minimum of 12 plants of superior quality, with at least one of

award quality have to be shown at a time.) The clone 'Mem. Lilla Hamlyn' had 32 flowers on a single inflorescence! It flowers several times per year too!

The outstanding *Bro. ortgiensiana* 'Hamlyn' FCC/AOS was unfortunately lost in a rainstorm during which the electricity was out and the resulting "drowning" in the shade-house rotted the plant. However Hamlyn Orchids has at least two more very good clones

('Elisabeth Hamilton', 'Claudia', 'Superba') of the species it uses in hybrids so all is not lost. The 'Hamlyn' clone was not the only clone eventually to be lost in some mishap. 'Juan', the first species given to our speaker which turned out to be close to red in colour and the pale pink with darker veins 'Stripes' also died. The floriferousness of the latter lives on in its progeny. Since straight Broughtonias can still not be mericloned, the only way to propagate a plant is by division or seed and seed will not give identical progeny. The reason for the block to mericloning is the rapid oxidation of the dissected meristomatic tissue, which then does not proliferate. Mr Hamilton thinks perhaps a product called Fruit Fresh may stop the oxidation and maybe allow the tissue to grow in the nutrient medium.

Another noteworthy *Bro. ortgiensiana* cross is **Guaricattonia(Gct) Faylin Kindness** (*Bro. ortgiensiana* X Gct. Michael Sampson). It is like *Bro. sanguinea* in that the flowers are full, pink, but bunched at the end of the inflorescence.



Broughtonia domingensis 'Hamlyn' HCC/AOS

Photo: C. Hamilton, OW 5.3

Broughtonia domingensis is native to the Hispanola and Mona Islands. All other reported locations most likely were of misidentified *Bro. negrilensis* and *lindenii*. The latter two species are closely related to *Bro. domingensis*. All three species have a tubular lip. The one of *domingensis* is big and frilled. The flower colour is pale pink.

Broughtonia domingensis

must dry out between waterings and it likes it warm

But because of the many misidentifications, many hybrids are wrongly attributed.

Bro. Kingston(*sanguinea* X *domingensis*) has flowers similar in shape to *sanguinea*, but the lip is usually tubular with a widely flaring distal rim. An alba strain is also available and some very nice full, clones have been

shown of this as well. However the cross is seasonal and finicky to grow and therefore is not seen much anymore.

Bro. Hamlyn's Masterpiece (*Bro. sanguinea* x *Bro. Kingston*) illustrated in the talk with the clone 'Phillip' AM/AOS, varies from fairly full to very full and the colour can be anywhere from yellow to white or a combination of the two. In the AOS awards there is a similar lovely full, yellow clone, 'Paraiso' AM/AOS:



Broughtonia Hamlyn's Masterpiece 'Paraiso' AM/AOS, photo: Irma Saldana

To confuse matters there is an old name of *Broughtonia tetragona* which is now classified as a *Phaius*.



Broughtonia lindenii, photo: Orchid Wiz Library, OW 5.3

Broughtonia lindenii is rare in cultivation. It comes from Cuba and the Bahamas. Unfortunately the population found in the Bahamas appears to be uniformly inferior, much like some plants found in Cuba. But there are also some wonderful examples of the species in Cuba and these are used in breeding by Hamlyn Orchids. The flowers vary from all white to pale pink with most showing pink veining in the trumpet shaped lip plus a yellow blotch deeper in the trumpet. The

clone 'Boss' shows this colouring and is in Hamlyn Orchids breeding programme. Mr. Hamilton managed to acquire two alba clones and used them in hybrids that are now approaching flowering size.

Broughtonia Cayman (*lindenii* x *sanguinea*), by using two awarded parents for the cross was awarded an Award of Quality by the AOS. One of the plants in the award group was peloric.



Broughtonia Cayman 'Hamlyn' AM/AOS, Photo: C. Hamilton, Orchid Pro



Broughtonia Cayman AQ/AOS, Photo: C. Hamilton, Orchid Pro



Broughtonia negrilensis, photo: C. Hamilton, OW 5.3

Guaritonina Caribbean Princess (*Broughtonia lindenii* x *Guaritonina Why Not*) produced nice pinks with unmistakable Broughtonia shapes.

Broughtonia negrilensis had been confused with *Bro. domingensis* by Fowle and as a result all crosses

made with it prior to 1985 are all attributed wrongly to *domingensis*....

To tell the two species apart, note that *negrilensis* has smooth leaf margins, *domingensis* has erose leaves and ridges near the nodes on the pseudobulbs. To prevent a mix-up with the similar *ortgiesiana* note that the latter has saw-tooth leaf margins.

The species is only found along 30 miles of coast on the SW part of Jamaica. The plants don't seem to mind salt spray.

Broughtonia negrilensis has up to 12 and in one clone even up to 25 flowers per inflorescence! The flowers are about 4.5 to 6.5 cm in horizontal natural spread. The species is used to increase floriferousness in its hybrids. There are alba and semi-alba forms as well. Veining in the lip is the most common marking found.

Its natural hybrid with *sanguinea*, *Broughtonia x jamaicensis*, is quite common. It used to be found everywhere, but now is only found where *Bro. negrilensis* is found, because that is where the wasp that fertilizes *negrilensis* is found as well. It is often very similar to *sanguinea*, but if the side-lobes do not encircle the column, it is not *sanguinea*.

If a Jamaican plant has veining in the lip, it means it has *Bro. negrilensis* in it!

In the hybrid *Bro. Jamaica Jester (negrilensis x ortgiesiana)* mentioned earlier, the clones all display veining in the lips and some also on other floral segments and that comes from *Bro. negrilensis*. See the AQ picture.

Another nice cross is **Guaritonias Henry Wan** (*Guaritonias Why Not x Broughtonia negrilensis*).



Guaritonias Henry Wan 'Stephanie Hamilton' AM/AOS
Photo: C. Hamilton, OW 5.3

The flowers of this cross can have a white or pink base colour and then they may have various overlays, such as yellow, giving a peach flower on a pink background and of course the attractive pink veining from *negrilensis*, the yellow eyes are also to be expected and make the flowers very colourful.

The clone 'Adrian Hamilton' can produce a ball of pale yellow flowers with a yellow throat and red veins. (See Orchid Wiz for more pictures)

Broughtonia sanguinea is the type species of the genus. It is named for the colour of some of the plants of that species. It is usually pink, but rose, red, yellow and white forms have been found or have been developed with line breeding.

The flowers are bunched in a ball at the end of the inflorescence and this trait is quite dominant in its hybrids.

In nature the plants are found growing in full sun on the underside of branches.



Broughtonia sanguinea 'Rock Cottage' AM/AOS
Photo: C. Hamilton, OW 5.3

Broughtonia sanguinea 'Rock Cottage' AM/AOS is a beautifully shaped and coloured form of the species as you would find it in its native habitat. It is referred to as a "bush" form.

You may have noticed that most clones of this species in cultivation are much fuller in shape, with the petals filling in the spaces between the sepals! The reason is that these plants are all peloric. In this case the petals are trying to be lips and the lip is of course much wider than the petals. After all the pollinator is supposed to land on the lip, not the petals.



Broughtonia sanguinea 'La Selva' HCC/AOS
Photo: Ron Hanko, OW 5.3



Broughtonia sanguinea forma *aquinii* 'Taino Spirit'
AM/AOS, Photo: Claude Hamilton, Orchid Pro

The above examples show the peloric nature of these awarded plants. Our speaker pointed out that most supposed *alba* clones are actually albescent, that is they are not pure white. His white clones though have the best form. They are as full and flat as the reddish 'La Selva' clone, shown above. The really full clones are **tetraploids**.

When flowers get this full, you will have to expect some folds in the petal edges.

Yellow clones such as 'Joanna Banks', with or without an orange overlay, originate from the North of the island.

The variety *aurea* originates from the North central part of Jamaica.



Broughtonia sanguinea 'Joanna Banks' JC/AOS
Photo: C. Hamilton, Orchid Pro
Flowers were more peach and orange in colour, not pink



Bro. sanguinea forma *aurea* 'Elisabeth' AM/AOS
Photo: C. Hamilton, OW 5.3

Peach coloured clones such as 'Mark Frederick' originate from the Southern part of Jamaica and may have a bit of *negrilensis* genetic material in them. The *Broughtonia sanguinea* 'Elisabeth Hamilton' shown at the beginning of this transcript was bred using a yellow form as one of the parents. The yellow parent gave it the nice yellow center.

Broughtonia Hybridizing:

WWG Moir was the most prolific hybridizer that ever was! He did his work in the 1950's and registered the first *Cattleytonias*/ *Guaritonias* Rosy Jewel (*Cattleya*/ *Guaranthe bowringiana* X *Broughtonia sanguinea*) in 1956.



Broughtonia sanguinea 'Jamaica Beckford'
FCC/AOS, Photo: Claude W. Hamilton, OW 5.3

Grt Alina Froelich = Grt Rosy Jewel X *Bro. sanguinea*

Broughtonia sanguinea forma *aurea* can come in almost white to strong yellow to peach. One almost alba form 'Elisabeth' AM/AOS has extremely wide petals, but they are fragile. Our speaker may try to improve on that. But this clone is used a lot in breeding by Hamlyn Orchids to get full flowers.

WWG Moir registered the cross **Cattleytonias Jamaica Red** in 1972 (*Bro. sanguinea* X *Cattleytonias* Keith Roth), where Keith Roth is *Cattleya bicolor* X *Bro. sanguinea*. The flowers can vary from white to yellow to red, but most are a light pink-red. The flowers are bunched and slightly cupped.



Guaritonia Why Not 'Roundabout' CCM/AOS, O+v 1.4

Another popular cross is **Grt Why Not** (*Bro. sanguinea* X *Guaranthe aurantiaca*) The flowers are again crowded onto the end of the inflorescence forming a ball of often stunning outward facing red flowers, the best ones with a yellow center. By using a yellow centered *sanguinea* and a yellowed form of *Guaranthe aurantiaca* some rich yellow offspring can be expected, another first in this line of breeding.

Cattleytonia Orglade's Little Lover (Cattleya Little Dipper X Cattleytonia Jamaica Red) had two plants awarded, one red, one fuchsia lavender.

Guaritonia/Cattleytonia Jamaica Gypsy (*Guaranthe bowringiana* X *Broughtonia sanguinea*) has strong upright inflorescences with flowers crowded near the top of the stem. The flowers are star-shaped to fairly full, slightly cupped and can vary from lavender to peach to white. When Mr Hamilton made the cross he only got one progeny and it was white, very nice, but sterile.



Cattleytonia Jamaica Gem 'Marble Branch' AM/AOS
Photo: Danny Lentz, O+, v. 1.4

Cattleytonia Jamaica Gem (Cattleytonia Capri x Cattleytonia Orglade's Little Lover) has balls of lavender flowers and in one clone the lip and the petals had showy white eyes.

Cattleytonia Elisabeth Hamilton (Broughtonia Kingston x Cattleytonia Maui Maid) has rosy lavender flower bunches atop strong upright stems.

Guaricattonia Jamaica Lover (Cattleytonia Maui Maid x Cattlianthe Orange Trick) was illustrated with a peach flower that had a rose coloured lip.

Guaricattonia Ernest Cromwell (Cattleytonia Dal's Toy x Guaritonia Why Not) was illustrated with a very full rosy lavender flower, with yellow eyes.

Guaricattonia Violet Barber (Cattleytonia Capri x Cattlianthe Kauai Starbright) was illustrated in the presentation with the clone 'Grand Dame'. Another clone 'April' is shown in Orchid Wiz and it has rosy-lavender petals and lip and yellow sepals.



Guaritonia Cosmo-sanguine 'Elisabeth Hamilton'
HCC/AOS, Photo: C. Hamilton, OW 5.3

Guaritonia Cosmo-sanguine (Guaritonia Why Not x *Broughtonia sanguinea*) using a 4n *sanguinea*

Other clones from this cross by Mr Hamilton, such as 'Hamlyn' was lighter and more lavender and one clone 'Memoria Lilla Hamilton' was peach. OW shows several more examples that had more of an open form, possibly because other breeders used a 2n form of *sanguinea*.

Guaritonia Henry Wan (Grt Why Not x *Bro. negrilensis*) is a nice early bloomer. The clones 'Adrian Hamilton', 'Nicole Hamilton' and 'Stephanie Hamilton' are pale yellow, light lavender and rosy lavender respectively and

they all have showy lips with bright yellow throats and magenta lines radiating from the throat. 'Adrian Hamilton' also has the distal half of the petal mid-veins outlined in magenta.

Guaricattonia Starrlyn (Cattleytonia Capri x Guaritonia Why Not) usually has full flowers in shades of lavender to near red. Most flowers have yellow on a red or white background and this is mirrored in the petals by a white and/or yellow band along the proximal half of the mid-vein.



Cattoniphila Paul Storm 'Hamlyn' HCC/AOS
Photo: C. Hamilton, O+v.1.4

Cattoniphila Paul Storm (Cattleytonia Capri x *Myrmecophila brysiانا*) is an interesting cross. The clone 'Hamlyn' HCC/AOS had full white flowers whose segments had a pretty rose-lavender picotee.

Myrmetonia Elaine Fisher (*Broughtonia sanguinea* x *Myrmecophila brysiانا*) was illustrated with three clones of somewhat star-shaped flowers

in shades of rosy lavender with oval to heart-shaped lips that had yellow eyes and reddish veining radiating from the lip base.

Broughtonia Hamlyn's Masterpiece (*Broughtonia sanguinea* x Broughtonia Kingston)



Broughtonia Hamlyn's Masterpiece 'Hamlyn'
AM/AOS, Photo: C. Hamilton, OW 5.3

This cross produced almost white to bright yellow progeny. The form was full to attractively less full.

Cattleytonia Jamaica Love (Cattleytonia Orglade's Little Lover x Broughtonia Kingston)

The clone 'Elizabeth' was a very full, slightly cupped pink and the clone 'Hamlyn' a very full white. Gorgeous, both of them!

Guaricattonia Jamaica Beckford (Cattleytonia Jamaica Joy x Guaricattonia Ernest Cromwell)



Guaricattonia Jamaica Beckford 'Nicole Hamilton'
AM/AOS, Photo: C. Hamilton, OW 5.3

The clone 'Memoria Lilla Hamilton' is just as gorgeous as the 'Nicole Hamilton' clone, just a little darker. It looks like these flowers present themselves in a most attractive way!

Broughtonia Seagulls Jamaica (*Broughtonia sanguinea* x *Broughtonia negrilensis*) was a reminder of a wonderful cross previously shown under *Bro.*

negrilensis: full rosy lavender flowers, beautifully arranged on an upright inflorescence.

Cattleytonia Jamaica Happy (Cattleytonia Jamaica Love x Cattleytonia Jamaica Joy) is a beautiful cross of full white flowers!

Cattleytonia Memoria Michael Davis (Broughtonia Cayman x Cattleytonia Marley Beckford) is a cross producing amazingly full, round, pink flowers! The 'Hamlyn' clone had a good flower count as well and rather vivid pink colour. The petals had the most attractive red streaks along the distal portion of the mid-vein.

Stellamizutaara Annice Dalrymple (Cattleytonia Quest's Millennium x *Brassavola perrinii*)
The plant shown had yellow flowers.

Broanthevola [Btv.] (syn. Stellamizutaara or Stlma.) **Laureen Sprock** (Guaritonía Why Not x *Brassavola grandiflora*)

This clone 'Hamlyn' was by far the most floriferous one of the ones pictured in Orchid Wiz. But they all had reddish lavender flowers with bright yellow eyes in the lip.



Broanthevola Laureen Sprock 'Hamlyn'
AM/AOS, Photo: C. Hamilton, OW 5.3

Volkertara Mark Alan Reinke (Cattleytonia Maui Maid x Rhyncattleanthe Fuchs Orange Nuggett)

The cross has received 2 awards from the AOS and the AM clone is just stunning! A symphony of gold, orange and red! And lots of flowers per inflorescence too!



Volkertara Mark Alan Reinke 'Bob and Joyce' AM/AOS

Brolaelianthe Audrey McIntosh (Guaritonía Why Not x *Laelia lueddeman(n)ii*). In this cross it is interesting to note that *Laelia lueddeman(n)ii* has four to five foot (1.3-1.6m) long inflorescences, but the progeny have only 1.5 foot (45cm) long inflorescences.

Claudehamiltonara Hidden Gold (Guaritonía Why Not x Brassocattleya Richard Mueller) is a cross that produces heads of star-shaped flowers in sunset shades. The background colours fade and so you get different looking flowers on the same head of flowers.

Cattleytonia Jamaica Joy (*Broughtonia sanguinea* x Cattleytonia Capri)



Ctna. Jamaica Joy 'Hamlyn' [C. Hamilton]

Ctna. Jamaica Joy 'Hamlyn's Darkie' [C. Hamilton]

The Orchid Wiz pictures show only part of the range of colours that can be expected from this cross. Whites, near whites and golden tones all occur, but all clones shown had excellent shape!



Cattleytonia Sacramento Splash 'Gold Rush' AM/AOS,
Photo: Tom Larkin, OW 5.3

Cattleytonia Sacramento Splash (Cattleya Little Dipper x Cattleytonia Peggy San). What a delightfully colourful cross! They all look similar to the picture taken out of OW: 'Gold Rush' AM-AOS.

Volkertara Bredren's Island Girl (Rhyncattleanthe Rhode Island Red x Guaricattonia

Xavier Hamilton) was illustrated in OW with a stunning red, round flower! The clone 'Hamlyn' had full orange flowers with a yellow centre.

Tetratonia Memoria Ed Gilliland (*Tma. canaliculata* X Bro. Cayman) was named after our speakers late friend. The flower looks very much like an excellent non-peloric version of the *Bro. sanguinea* featured at the beginning of the transcript. An excellent way to end the talk!

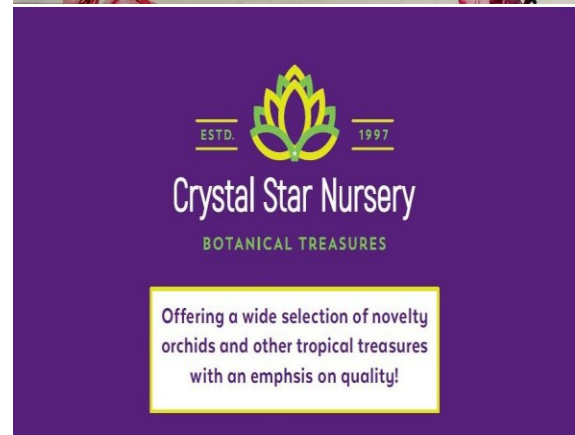
Question period:

Why was *Rhyncholaelia digbyana* not used in our speakers hybridization programme? Because the species takes 12 years to reach flowering size and only produces one flower per inflorescence. Both traits are unfortunately fairly dominant.

Our speaker mentioned that as soon as he produces good clones, they leave the island to be used in breeding programmes elsewhere!

Encyclia diota atrorubens likes it as warm as *Bro. domingensis*.

The suggested potting medium for the finicky *Aerangis biloba* is Hydroton and chopped Spanish moss.



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Dec 5, 2021 Show Table Ribbons

Class	First	Second	Third
Class 1 Cattleya Alliance	<p><i>Cattleya cernua</i>, Elena Chilova</p> <p>Cattleya (Jungle Elf x Caudebec), John Vermeer</p> <p>Rhyncholaeliocattleya Denis Roessiger, John Vermeer</p>	<p>Cattleya Marcello Miranda 'Night Sky' AM/RHS, David Bryan</p> <p>Cattlianthe Mark Jones-Chocolate Drop, Elena Chilova</p> <p>Cattlianthe Mark Jones-Chocolate Drop, Elena Chilova</p> <p>Rhyncattleanthe Lee's Ruby 'Martha's Lip', John Vermeer</p> <p>Rhyncholaeliocattleya Naomi's Delight, John Vermeer</p> <p><i>Cattleya labiata</i> (coerulea) 'Blue Bells', Leslie Ee</p> <p>Rhyncholaeliocattleya Gene Crocker 'Red Empress', Leslie Ee</p> <p>Rhyncholaeliocattleya Blanche Aisaka 'Yuki' FCC/AOS, Synea Tan</p> <p>Rhyncholaeliocattleya Mem. Shirley Moore 'Newberry' AM/AOS, Synea Tan</p> <p>Rhynchobrassoleya Haiku Dawn 'Sunshine and Raspberries' AM/AOS, Ted & Charlene Kretz</p> <p>Rhyncholaeliocattleya Mark's Valentine, Ted & Charlene Kretz</p> <p>Rhyncattleanthe Miki Fire Ball, Yvain McLeggon</p> <p><i>Cattleya maxima f. coerulea</i> ('Hector' x 'Gigi'), Yvan Richard</p>	<p><i>Cattleya brevipedunculata</i>, Anna Kogan</p> <p>Cattleya Tokyo Life 'Di Ciommo Trisha', Joe Di Ciommo</p> <p>Rhyncattleanthe Di Ciommo Iris 'Di Ciommo Orange', Joe Di Ciommo</p> <p><i>Cattleya lueddemanniana var. coerulea x sib.</i>, Joe DiCiommo</p> <p>Cattlianthe Gorgeous Becky 'Mini Harry', John Vermeer</p> <p>Cattlianthe Newberry Sentinel 'Mendenhall' AM/AOS, John Vermeer</p> <p>Cattlianthe Terry's Spots, John Vermeer</p> <p>Rhyncholaeliocattleya Jonathan Omar, John Vermeer</p>
Class 2 Paphiopedilum	<p><i>Paphiopedilum charlesworthii</i> 'Blushing Bull', Leslie Ee</p>	<p>Paphiopedilum (Cocoa Sparkling Rose x Cocoa Hunting), Cathy Dunn</p> <p><i>Paphiopedilum spicerianum</i>, Elena Chilova</p> <p>Paphiopedilum (Cocoa Joyous Oliver x Cocoa Green), Terry & Doug Kennedy</p>	<p>Paphiopedilum Wolf's Folly, David Bryan</p> <p>Paphiopedilum Lefty Kei, Synea Tan</p> <p>Paphiopedilum Paul Parks, Terry & Doug Kennedy</p> <p><i>Paphiopedilum wardii</i>, Terry & Doug Kennedy</p>
Class 3 Phalaenopsis and Vanda Alliance	<p><i>Vanda sanderiana</i>, Terry & Doug Kennedy</p>	<p><i>Phalaenopsis tetraspis</i> 'Red', Cathy Dunn</p> <p>Vanda Suksamran Sunlight, Elena Chilova</p> <p>Vanda Pat's Delight 'Katumlea', Jenny Marai</p>	<p>Phalaenopsis Hiroshima Tetratris, Peng Zhang</p> <p><i>Aerangis kotschyana</i>, Ted & Charlene Kretz</p> <p><i>Phalaenopsis celebensis</i>, Terry & Doug Kennedy</p>

		<i>Renanthera philippinensis</i> 'Dixie Girl' CCM/AOS, Sandra Micucci	
Class 4 Oncidium and related	Oncidium Twinkle, Nick Cox	Oncidium Sharry Baby, Bea Paterson	Oncidopsis Nelly Isler, Eugene McSweeney Rossioglossum Rawdon Jester, Yvan Richard
Class 5 Cymbideae & Catasetum	Cycnodes Wine Delight 'J.E.M.' FCC/AOS, Synea Tan	Cycnodes Super Swan, Robert Vanderheyden Catasetum Ten Dragons, Synea Tan	Cymbidium, Connie & Milton Charlton Clowesetum Dragon's Treasure 'Gilberto' AM/AOS, Robert Vanderheyden
Class 6 Dendrobium	Dendrobium Pocket Lover, Synea Tan	<i>Bulbophyllum rothschildianum</i> 'Red Chimney' FCC/AOS, David Bryan	Dendrobium Hilda Poxon, Ted & Charlene Kretz
Class 7 All Others	<i>Lepanthes escobariana</i> , Joyce Medcalf	Lycaste Fire Bird, Elena Chilova <i>Calanthe vestita</i> , Robert Vanderheyden	<i>Coelogyne speciosa</i> , Bea Paterson



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Consult your SOOS orchid doctor at ingepoot@capricornview.com

**Wishing you all a very happy 2022
Don't forget to renew your membership**

Our last speaker Steve Frowine was willing to send people a copy of his book. Here is the link where it can be downloaded for free <https://ca1lib.org/book/563529/cde784>. Alternatively it is available to borrow from our library.