

SOUTHERN ONTARIO ORCHID SOCIETY

June 2019, Volume 54, Issue 6 Meeting since 1965
Time to renew your Membership for 2019

Next Meeting Sunday, June 2, 2019, Floral Hall of the Toronto Botanical Garden.

- ★ Vendor sales noon to 1pm.
- ★ Noon, Culture talks on the stage by Alexsi Antanaitis. Topic: Fertilizing, summering your Orchids outside?
- ★ Program at 1pm **Our own Dr. Leslie Ee will speak on *Dendrobium cuthbertsonii***. Our previously scheduled speaker **Melissa McCormick is unable to be with us.**
- ★ Monthly show table. Bring your flowering plants for show and tell and points towards our annual awards.
- ★ Raffle

President's Remarks Welcome Orchid Enthusiasts. Last year in my remarks, I noted that it had "been a colder than usual spring", and this year seems to be following a similar trend. May 13, 2019 went down as the coldest on record in Toronto for that day (130 years), with a high of +7C (normal is +19C).

Some of my plants had already been outdoors since Easter weekend (no more room under my lights) and some new purchases at our May meeting went outdoors immediately. I'm sure the rest of my plants are rejoicing that I've been too busy to put them outside yet, but they are going outside after the long weekend when I will finally have some free time. My plants thrive with the fresh natural air movement, humidity and stronger light levels that they get outdoors. Remember, just like us, your plants can easily sunburn after being indoors all winter, so they typically need some shading to allow them to acclimatize to the higher light levels.

I hope that you were able to attend the interesting, enlightening and entertaining lecture by [Shawn](#)

[Hillis, Garden Slippers, Calgary, Alberta](#), on Cypripediums. I can't wait until next year to see how the plant that I purchased adjusted to my garden conditions.

For our upcoming June 2 meeting we will have Dr. Leslie Ee on *Dendrobium cuthbertsonii*. [Melissa McCormick, Smithsonian Environmental Research Center, Washington, DC](#) is unable to come.

We take a break in July with no meeting, and then on Aug.4 we have our summer Orchidfest potluck extravaganza, with [Alan Koch, Gold Country Orchids, Lincoln, California](#). You can pre-order from the Gold Country Orchids website, and for the shipping address just put SOOS Toronto, August 4.

- ★ Sep. 1 [Glen Decker, Piping Rock Orchids, Galway, NY](#)
- ★ Oct.6 [Dr. Kristen Uthus, New World Orchids, Manchester, Michigan](#)
- ★ Nov.3 George Hatfield, [Hatfield Orchids](#), Oxnard, CA Cymbidiums

★ Dec.1 Annual Auction and Potluck Celebration

The treats for the June meeting “social break” fall to the members with the last names beginning with begin with the **letter M**. Thank you to the members **with the letter L** who brought treats for our previous meeting.

We will see you soon.
John Vermeer

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/)

2020 SOOS Annual Show Committee

Planning for the 2020 Orchid Show and Sale to be held February 8th and 9th has begun! In celebration of our 40th show, *Elegance* has been selected as our theme.

We would like to invite other orchid lovers to join the Show Committee. We meet just after the regular SOOS monthly meeting for an hour or so but attendance is not compulsory. In particular, we are looking for folks willing to take on one of the following:

- Volunteer Coordinator
- Publicity Coordinator
- Youth Program Coordinator

Come be part of the fun in creating a wonderful Orchid Show and Sale.

Conservation Committee

The Committee is continuing under the leadership of Tara Seucheran and John Alexander.

Native Orchid Rescues

Spring is finally here and that means the start of our wonderful native orchids' blooming season. It's also when road widening projects start and unfortunately these don't mix well, as many native orchids thrive in roadside ditches. If you know of native orchid colonies

that are in danger of being destroyed by road widening (or any other construction projects), please contact John Alexander (alexanderarts@sympatico.ca) or Tara Seucheran (psyrel@gmail.com) from SOOS' conservation committee - we can arrange to safely rescue these plants.

Plant of the Month for May 5, 2019

Synea Tan's lovely Dendrobium Stardust 'Firebird' won



the honours at this meeting. Synea keeps it under 4 LED lights in the winter until it flowers. When it shows flower buds she moves it into a South window. She waters it every 4 days with her usual weak

MSU fertilizer solution. The light set-up it lives under has 21C days and down to 4C nights – in other words a big diurnal temperature difference.

There were two other plants on the show table that are hard to grow at our latitudes but were well flowered none-the-less.

One was a *Disa kewensis* grown by Anita Kho and she says her secret to success is watering the plant every day!

The other was a Vanda Robert's Delight 'Black' grown by Heinz Ernstberger. He grew it in large bark in a 6" x 10" plastic container with one hole in the bottom. He waters it once a week and said that if he were to grow it without any medium like Florida orchid growers, he would have to water it once a day. The plastic container keeps humidity around the plant. (Your transcriber is going to try this method on my latest try at keeping *Trichoglottis philippinensis* alive, even though I thought I was buying what is now called *Trichoglottis atropurpurea*.....)

Coming Events 2019.

The North American Native Plant Society is proud to announce three native plant sales planned for this spring.

May 4 | Toronto Botanical Gardens | 777 Lawrence Ave E | Toronto | 9:30 - 2:30 | Pre-order available soon

May 19 | Riverwood | 4150 Riverwood Park Lane |
Mississauga | L5C 2S7 | 12 - 4

May 26 | Christie Pits Park | 750 Bloor St W |
Christie Subway Station | Toronto | 12 - 4

Ethical growers approved by NANPS at all sales with knowledgeable volunteers available for assistance. Free admission and parking. www.nanps.org for more information.

June

1. TJC Monthly AOS Judging at TBG.

2, **SOOS meeting, Toronto Botanical Garden, sales**

12 noon, program 1 pm,

15, Monthly Montreal AOS judging, Jardin botanique de Montreal

July

6, TJC Monthly AOS Judging at TBG.

20, Monthly Montreal AOS judging, Jardin botanique de Montreal

August

4, **SOOS Orchidfest and TJC Monthly AOS Judging**

at TBG.all day 9:30 am on.

17, Monthly Montreal AOS judging, Jardin botanique de Montreal

AOS Judging Results

Ottawa Orchid Society Show April 27, 2019 :

Paphiopedilum bullenianum 'Haley Suzanne', AM/AOS
82 points, Glen Decker.

Paphiopedilum Glaucolum 'Crystal Star', HCC/AOS 75
points, Leslie Ee.

Paphiopedilum Janet Kunkle 'Haley Suzanne', AM/AOS 83
points, Glen Decker.

Paphiopedilum leuochilum 'Black Beauty' JC/AOS,
Leslie Ee.

Promeneae Ben Berliner 'Synea', HCC/AOS 77 points,
Synea Tan.

Dendrobium Lucky Charms 'Magic Toby', CCM/AOS 86
points, Wilson Ng.

AOS Show Trophy and Silver Certificate, 88 points,
'Smile' by Les Orchidophiles de Montreal.

AOS Silver Certificate, 85 points, 'A Stroll among the
Orchids' by Terry and Doug Kennedy.

Toronto Judging Centre, May 4, 2019:

Bulbophyllum longistellidum 'Salvador Dali' AM
81 points grown by Stanley Luk

Oncidium Space Race (*Oncidium Sphacetante* x
Oncidium Pupukea Sunset) 'Coco' AM 83 grown by
Jean Allen-Ikeson

Next judging June 1, 2019 at the TBG
Agenda: 10 am Semi Annual Judging Centre
Business Meeting.

Judging 1 pm.

AOS Judging is a service of the American Orchid Society
and is open to all! Bring us your flowering orchids.

SOOS Display Ribbon winners

Ribbons from Ottawa

1st Place ribbons

Oncidium Splinter 'Brookside' HCC/AOS (*Onc*
sphacelatum x *leuochilum*) Inge & Peter Poot

Dendrobium Lucky Charm Wilson Ng

Vanda Robert's Delight 'Black' Heinz Ernstberger

Phragmipedium longifolium 'Black Dragon' Agnes
Hastick

Phalaenopsis equestris 'Orange' Synea Tan

Phragmipedium tefflatzianum Jocelyn Webber

Laeliocattleya Llory Ann 'Paradise' fragrant John
Vermeer

Rhyncattleanthe Angel Voice 'Orange Fantasy' Synea
Tan

Paphiopedilum liemianum 'Charlie' Peter & Inge Poot

Rosettes

Dendrobium Lucky Charm Wilson Ng

Laeliocattleya Llory Ann 'Paradise' John Vermeer

2nd Place ribbons

Phalaenopsis Brother Redland Spots 'Synea' AM/AOS
Synea Tan

Miltassia Shelob Cathy Dunn

Brassidium Golden Gamine 'White Knight' (*Oncidium*
sotoanum x *Brassidium Gilded Urchin*) Inge & Peter
Poot

Display Alina Furtak

Phalaenopsis Yaphon Sir Synea Tan

Cymbidium sinense Si Gang Shai Jay Norris

Laeliocattleya Tropical Painter 'Cheetah' BM/TOGA
Laura Liebgott

Laeliocattleya Llory Ann 'Paradise' John Vermeer

Paphiopedilum bellatulum X *wenshanense* Synea Tan

Laeliocattleya Tokyo Magic X *Sophrolaeliocattleya*

Tangerine Imp John Vermeer

Promeneae Ben Berliner Synea Tan

Rhyncholaelocattleya (Pot.) Dream Circle X

Laeliocattleya Spring Fires John Vermeer

(Rhyncholaeliocattleya (Pot.) Creation X Cattlianthe(Slc) Dasing Lily) X Cattleya Circle of Life 'New Ace' John Vermeer

3rd Place ribbons

Phragmipedium Rosy Gem Agnes Hastick
Epidendrum Pacific Sunsplash 'Clivia' X Pacific Glory
'Big Bertha' Synea Tan
Vuylstekera Plum Fairy 'The Best' Laura Liebgott
Rhyncattleanthe (Blc) Kaboom 'SVO' X Cattleya (Slc)
Angel's Fantasy 'Solar Flare' John Vermeer
Phalaenopsis cornu-cervi f. Chattaladae Synea Tan
Rhyncattleanthe (Blc) Izumi Charm X Cattleya (Slc) Fire
Fantasy 'Royalty' John Vermeer

AOS awards

Dendrobium Lucky Charm Wilson Ng
Promenaea Ben Berliner Synea Tan

Honourable Mention

Phalaenopsis equestris 'Orange' Synea Tan

Considered for AOS Judging

Paphiopedilum hennisianum forma *christiansenii* and
Oncidium Splinter 'Brookside' Inge & Peter Poot

Thank you all for providing your wonderful plants, and thank you Laura and company for the display which received a nomination for a silver certificate, but did not quite make it.

Display Ribbons from TAOA

1st Place ribbons

Phalaenopsis equestris 'Orange' Synea Tan
Phalaenopsis Yu Pin Polar Bear, Best in Class, Synea Tan
Trichocentrum luridum ' Synea's Brown Bea' Best in Class, Synea Tan
Ascocentrum miniatum, Chee Chong.
Eulophia andamanensis, Best in Class, David Bryan
Best Display by an Orchid Society, Don Wyatt Assist:
Chee Chong, Synea Tan.

2nd Place ribbons

Ascocenda Kulmadee Fragrant, Laura Grant
Aerangis luteoalba f. *rhodosticta*, Synea Tan
Rth. Angel Voice 'Orange Fantasy' Synea Tan.
Dendrobium Star Glory 'Passion', Synea Tan.
Dendrobium Yasuko Sugiyama 'Parade', Synea Tan.
Lcn. Tzeng Wen Love, Sue Loftus.
Epc. Rene Maeques 'Flame Thrower' Synea Tan.
C. Pacific Sunsplash 'Clivia x Epi. Pacific Glory 'Big Bertha', Synea Tan.
Rhyncholaeliocattleya Michael Tomihama, John

Vermeer.
Cattleya Dandee Tease, John Vermeer.
Paphiopedilum Wössner Transmak x Jolly Green Gem,
Heinz Ernstberger,
Paphiopedilum Sakaki 'Synea', Synea Tan,
Phalaenopsis Ox Red Lion, David Bryan.

3rd Place ribbons

Paphiopedilum Hama Chilwin, Synea Tan.
Paphiopedilum Exciting Wood. David Bryan.
C. Seagulls 'S.V.O. x C.. Brazilian Tangerine 'S.V.O.'
John Vermeer.
Rhyncholaeliocattleya Mark's Valentine, John Vermeer.
Epidendrum Yellow Magnolia 'SVO', John Vermeer.
Enanthleya? Magic Wand, John Vermeer
Dendrobium parishii, Sue Loftus.
Coelogyne prolifera, Sue Loftus.
Oncidium Lois Posey 'Synea', Synea Tan.
Dryadella edwalli, Terry Kowalczyk.





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Sunset Valley.

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 Mc Alpine, 189 Soudan Avenue, Toronto, ON M4S 1V5, phone 416-487-7832, renew or join on line at soos.ca/members.

Executive: President John Vermeer,; 905-823-2516 Vice-President ? Treasurer, Cathy Dunn, Secretary, Sue Loftus 905-839-8281; Past President Laura Liebgott, 905-883-5290

Other Positions of Responsibility: Program, Terry Kennedy; Plant Doctor, Doug Kennedy; Meeting Set up, Yvonne Schreiber; Vendor and Sales table coordinator, Lynda Satchwell; Library, Liz Mc Alpine; Web Master, Max Wilson; Newsletter, Peter and Inge Poot; Annual Show, Cathy Dunn; Refreshments, Joe O'Regan. Conservation Committee, Show table, Synea Tan, Cultural snapshots, Alexsi Antanaitis, Directors at large Marion Curry, Jay Norris, Sherry Xie, Eric Tai, Anne Antanaitis.

Honorary Life Members: Terry Kennedy, Doug Kennedy, Inge Poot, Peter Poot, Joe O'Regan, Diane Ryley, Wayne Hingston.

Next Annual Show: February , 2020

May 5, 2019 Show Table Ribbons

Class	First	Second	Third
Class 1 Cattleya Alliance	C. (Lc) Llory Ann 'Paradise' John Vermeer	Rhyncattleyanthe (Pot.) Martha Clarke John Vermeer	Cattleya (Slc.) Katherine Clarkson 'SVO' HCC/AOS X Rhyncholaeliocattleya (Blc).Sun spots 'SVO' John Van Rompu ?
Class 2 Paphiopedilum	<i>Paph. leucochilum</i> 'Chocolate Fudge' Leslie Ee	<i>Paph. lowii</i> Synea Tan	<i>Paph. leucochilum</i> 'Black Beauty' JC/AOS Leslie Ee
Class 3 Phalaenopsis and Vanda Alliance	Phal. Yaphon Sir Synea Tan	Vanda Robert's Delight Black Heinz Ernstberger	<i>Aerangis luteoalba</i> f. <i>rhodosticta</i> Anita Kho
Class 4 Oncidium and related	Zelemnia Midas Synea Tan	Cochlioda Louis Posey Anita Kho	<i>Ornithocephalus</i> <i>estradae</i> Anita Kho
Class 6 Dendrobium	Den. Stardust 'Firebird' Synea Tan	<i>Den. chrysotoxum</i> Michael Hwang	
Class 7 All Others	<i>Disa kewensis</i> Anita Kho	Promenaea Ben Berliner Synea Tan	

Multifloral Paphiopedilums by David Sorokowsky transcribed by Inge Poot,(continued)

F2 hybrids

- *Paph rothschildianum*, *philippinense*, *stonei* and *sanderianum* are all from section *Corypedilum* (closely related)

- *Paph lowii* is section *Paradalopetalum*

- Hybrids within one section have more F2 hybrids: for example

Good fertility

Saint Swithin: 173

Lady Isabel: 75

Poorer Fertility

Berenice: 37

Julius: 20

Paphiopedilum Lyro Blackhawk

(*Paphiopedilum* Saint Swithin x *Paphiopedilum wilhelminae*)

This cross tends to produce dark flowers on more compact plants.



Paphiopedilum Booth's Sand Lady 'Electra'
AM/AOS, Photo: Greg Allikas. O+ 1.4



Paphiopedilum Lyro Blackhawk

Photo: Paul Zimmerman, OW 5.0

Paphiopedilum Booth's Sand Lady (*Paphiopedilum Lady Isabel* x *Paphiopedilum sandermanum*)
Elegant long petaled flowers on large plants.

The next two crosses have lots of great looking progeny, but not many are awarded, because it is hard to improve on the Prince Edward of York parent.

Paphiopedilum Kemp Tower (*Paphiopedilum Prince Edward of York* x *Paphiopedilum philippinense*)
often looks much like the above cross, but other clones may have long very curled petals. The staminode may be pale or red as in the *rothschildianum* grand-parent.

Paphiopedilum Shin-Yi Prince (*Paphiopedilum Prince Edward of York* x *Paphiopedilum sandermanum*)

This is another cross that resembles Paph. Booth's Sand Lady, but in the best clones the pouch, as well as the staminode is often red.

Paphiopedilum Booth's Saint-Bern (*Paphiopedilum Saint Swithin* x *Paphiopedilum Berenice*)

Paphiopedilum Hiro Julie (*Paphiopedilum Julius* x *Paphiopedilum lowii*)

The clone shown was very similar to and no improvement



Paphiopedilum Booth's Saint-Bern, a clone shown in David Sorokowsky's program that is more colourful and less hooded than any of the named and awarded clones!



X
=



Paphiopedilum Delgaldi 'Loretta' AM/AOS

Photo: Maurice Marietti, O+ 1.4

over Julius.

Intersectional Hybrids

In general these crosses have few uncrippled progeny and buying unflowered seedlings is a game of chance with low odds!!!

The quality of the progeny varies from awful to fantastic!

Also in the past **Paph. rothschildianum 'Charles E'** was the only decent clone available to breeders and that clone was a poor grower. Unfortunately its progeny were poor growers as well. Remakes of the old *roth* hybrids with newer faster growing clones should breathe new life into modern multifloral Paphs.

Paphiopedilum Dollgaldi (*Paphiopedilum rothschildianum* x *Paphiopedilum armeniacum*),

is a case in point. The old seedlings were disappointing to grow and were poor bloomers. Modern remakes of the cross grow much faster and bloom readily.

The pictured flower was 19cm across! Good *armeniaccums* are about 10cm across while good *rothschildianums* are now about 30cm in width. This plant was awarded in 2018. Previous awards were less beautiful.



Paphiopedilum lantha Stage (*Paphiopedilum sukhakulii* x *Paphiopedilum rothschildianum*) is an interesting and appealing hybrid. Again the old versions of this cross were poor growers, but the modern ones are OK.



Paphiopedilum Crystelle (*Paphiopedilum Double Trix* x *Paphiopedilum rothschildianum*) is a lovely cross if you can get a viable seedling. Not all will be as impressive as the FCC clone, whose 17 cm flowers make quite an impression.



Paphiopedilum lantha Stage 'Jade Dragon'
HCC/AOS Photo: Eric Hunt



Paphiopedilum Crystelle 'Awesome Blossom'
FCC/AOS Photo: Larry Johnson, O+ 1.4



Paphiopedilum Prime Child 'Mem. Ethel Cox'
AM/AOS, Photo: O+ 1.4



Paphiopedilum Gloria Naugle 'Tristar' FCC/AOS
Photo: Jea Shang, O+ 1.4

Paphiopedilum Prime Child (*Paphiopedilum rothschildianum* x *Paphiopedilum primulinum*) is an interesting intersectional primary cross.

Paphiopedilum Gloria Naugle (*Paphiopedilum rothschildianum* x *Paphiopedilum micranthum*) This cross is like a Dollgoldi with a white background instead of the yellow. Many clones are a bit wonky, but the good ones are stunning! The two FCC's that were awarded were all you could hope for! Unfortunately, a lot of the seedlings will be crippled, because the two parents are not closely related.

What about parents other than *Paphiopedilum rothschildianum*?

Paphiopedilum Wössner Stonarmi (*Paphiopedilum stonei* x *Paphiopedilum armeniacum*)



With these lovely parents, the judges may have been rather generous with their Award of Merit. There is an HCC on record too, but all your transcriber can say about it is "Oh dear...."



Paphiopedilum Michael Tibbs (*Paphiopedilum armeniacum* x *Paphiopedilum philippinense*)

No awards on this cross yet, but this clone is nice. One pictured on Orchid Wiz is not as good.



After all these questionable non-*rothschildianum* crosses our speaker took us back to a *rothschildianum* cross:

Paphiopedilum Harold Koopowitz (*Paphiopedilum malipoense* x *Paphiopedilum rothschildianum*)



Paphiopedilum Michael Tibbs
Photo: from David Sorokowsky's presentation

Paphiopedilum Wössner Stonarni 'Norman'
AM/AOS, Photo: Richard Clarke, O+ 1.4

The results were quite attractive!
The cross is variable, but many nice combinations can be found in the data bases.



But our speaker reminded us that crippled flowers must be expected too:



Paphiopedilum Harold Koopowitz "Oh Dears"!
Photos: David Sorokowsky



Paphiopedilum Harold Koopowitz 'Ron'
Photo: Ed Cott, OW 5.0



Paphiopedilum rothschildianum 'Graciano', Paradise Lost' and 'Deborah Henderson'

What are the three most successful Multifloral Parents?

Paphiopedilum rothschildianum,
Paphiopedilum rothschildianum,
Paphiopedilum rothschildianum!!!!!! But stick to clones other than 'Charles E'!
These clones are just 2 generations from the jungle.



Paphiopedilum adductum* and the variety *anitum

New Trends:

- One often hear that most multifloral hybrids look too similar
- The main building block species have the same basic colors
- Form is either dominated by roth or sandy
- Need some 'new blood' to shake things up

Apparently Terry Root got bored with all these similar Multiflorals and started using *Paph adductum* and its variety *anitum* (which should really be a separate species)



Paphiopedilum Johanna Burkhardt (*Paphiopedilum rothschildianum* x *Paphiopedilum adductum*) was a wonderful result! It comes in two forms depending on the variety used:

Paphiopedilum Yang-Ji Diamond (*Paphiopedilum Prince Edward of York* x *Paphiopedilum anitum*) is a hybrid similar to the above cross. Interesting results came from two intersectional crosses: Our speaker felt that he could probably not breed with them any further and he therefore sold them all!

'Dah-Jeau' AM/AOS, 'Long Life' AM/AOS

Photos: Jea Shang, Glen Barfield



To be continued in a future Newsletter.