

SOUTHERN ONTARIO ORCHID SOCIETY

NEWS

June 2017, Volume 52, Issue 6 Meeting since 1965

Next Meeting Sunday, June 4, Floral Hall of the Toronto Botanical Garden,

- ★ **Cultural snapshots at noon on the stage by Alexsi Antanaitis. Watering and summering outdoors.**
- ★ **Member and Vendor sales noon to 1pm**
- ★ **Program at 1 pm: Leslie Ee will present *The Legend of Phalaenopsis violacea* var Indigo.**
- ★ **Member plant table review. Show your plants, win points.**
- ★ **Raffle**

President's Remarks Welcome Orchid

Lovers. Now that Mother's Day is over and the weather has changed for the better (I hope), it is time to think about getting your precious plants outside for a breath of fresh air. Remember they have been cooped up all winter (and then some) in your homes.

I would like to give a heartfelt "Thank You" to Alla Linetsky, Alexsi Antanaitis, Synea Tan, Terry Kennedy, and Doug Kennedy for the great presentations. There was a great deal of information to absorb. It sure helps us to rethink what we do and how we do things. Once again thank you.

On a sad note.

I have received an email, this past week, informing us that our speaker from Orchid Fest 2017, Holger Perner, has passed away. We send our condolences to the family. It will be a great loss to the orchid world.

Now that our spring shows have ended, we can give our poor plants a much needed rest and a time to revitalize and send out their new flowers ready for next year. Thank you Jocelyn Webber, Cathy Dunn, Naila Ryabova, Don Wyatt, and all who helped create our beautiful displays at the different shows. It goes without saying that we could only have done this with the help from all the members who contributed their flowers, both small and large, to take to the shows. The resulting ribbons attest to your great growing abilities.

The treats for the May meeting fall to the members with the last names begin with **M**. The treats for our April meeting were delicious. Thank you for May's treat members with last names from **L**.

Our culture workshops will begin again, this month. Alexsi will once again be leading the discussions. When you come to the meeting and see Alexsi, please let him know if there is a topic you would like him to cover. This month's workshop will start with 'watering and summering outdoors'.

Re: Orchid Fest—We have the list of plants you can order. It is on the website. I believe Andrea will be bringing them. A final date for ordering the plants is **June 6th**. Payment can be made to Andrea when you receive your plants.

Up and coming meetings:

June 4th Leslie Ee Topic: The Legend of the *Phalaenopsis violacea* var Indigo

August 6th Orchid Fest Speaker: Andrea Niessen

This brings me to the Growers Tour. At the last meeting, the general consensus of the members was to have a growers tour in September. The dates established were September 9th & 10th. We have begun approaching members who wish to open their growing areas. Marion Curry has been kind enough to take on this task. If you are willing to offer a time and date for our tour days, please see Marion at the June meeting. Remember it does not have to be for both days. I hope to have everything in place so we can include the schedule in the August news letter.

Happy Orchiding,

Laura Liebgott

Questions or comments: Please contact me at:

lliebgott@rogers.com or 905 883 5290

Ribbons from Ottawa

1st Place Ribbons

Phalaenopsis Pirate King	Synea Tan
Paphiopedilum Fred's Wonder	Joe O'Regan
<i>Cymbidium sinense</i> 'Dai Kowk Quin'	Jay Norris
Rosettes	
<i>Cymbidium sinense</i> 'Dai Kowk Quin'	Jay Norris

2nd Place Ribbons

Propetatum Marthina	Heinz Ernstberger
Epidendrum Pacific Mandarin	Joe O'Regan
<i>Cymbidium ensifolium</i> 'Four Seasons'	Jay Norris
Society Display	Jocelyn Webber
<i>Paphiopedilum esquirolei</i>	Jocelyn Webber
Paphiopedilum Delophyllum	Heinz Ernstberger
<i>Lepanthes telipogonaflora</i>	Sue Loftus
Brassia Rex 'Sakata'	Joe O'Regan
Rth. Shinfong Little Sun 'Young-Min Golden Boy'	Jay Norris
Phalaenopsis Mini Mark 'Holm'	Bea Patterson
Dendrobium Roy Tokunaga X Roy Tokunaga 'Spots'	Synea Tan
Soprolaeliocattleya Little Hazel	Heinz Ernstberger
Paphiopedilum Shin Yi Weber	Jocelyn Webber

3rd Place Ribbons

<i>Maxillaria anceps</i>	Jay Norris
<i>Cymbidium sinense</i> 'Si Gang Sui'	Jay Norris
Display of greater than 26 plants	Jocelyn Webber
<i>Phragmipedium longifolium</i> var roezlii	Inge Poot
<i>Phalaenopsis equestris</i> 'Orange'	Synea Tan
<i>Anectochilus formosanus</i>	Jay Norris
Cattleya Guatemalenses 1	Joe O'Regan
Phalaenopsis Lui's Fantasy	Synea Tan
<i>Phalaenopsis (Sedirea) japonica</i>	Laura Liebgott
Vanda Robert's Delight 'Black' AM/AOS	Heinz Ernstberger
Dendrobium Mini Salaya	Synea Tan
Phalaenopsis Hybrid 2	Johanna Kieswatter
Cattleya Hybrid	John Vermeer
Slc. City Life (Lc. Liptonii x Slc. Circle of Life)	John Vermeer
Pot. Gene Crocker ('Second' x 'Third')- (Slc. Newberry Promise 'Gene's Baby' x Pot. Newberry Delight 'Mendenhall' AM AOS)	John Vermeer

Honourable Mention

Dendrobium Mini Salaya	Synea Tan
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Plant of the Month for May, 2017



Synea Tan did it again! Her luminously pink *Cochlioda* hybrid (*noezliana* X *sanguinea*) with two branched inflorescences stole the show! She bought it from Ecuagenera in 2011 and it sure likes her treatment. She potted it in a mix of fine bark, Perlite, coconut chips, charcoal and chopped sphagnum moss. She waters it twice a week with a weak fertilizer solution, summers it out of doors on the north side of her house and over-winters it in the house under two LED light tubes. Great job with a plant reputed to be easy to kill!

Coming Events 2017

June

3, TJC Monthly AOS Judging and business meeting at TBG.

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

12 noon, program 1 pm, Floral Hall

17, Monthly Montreal AOS judging, Jardin botanique de Montreal

July

8, TJC Monthly AOS Judging at TBG.

15, Monthly Montreal AOS judging, Jardin botanique de Montreal

August 6, Orchidfest Floral Hall,

Toronto Judging centre judging 10 am

and afternoon talks by Andrea Niessen

19, , Monthly Montreal AOS judging, Jardin botanique de Montreal

November 8-12, 22nd World Orchid Conference, Guayaquil, Ecuador

AOS Judging Results

TAOA Show April 29 2017

AOS Show Trophy, Orchids in Our Tropics

Tolumnia Jairak Rainbow HCC/AOS 79 points

Dendrobium Jiaho Delight AM/AOS 85 points, Doug and Terry Kennedy

Lepanthes Sherry Bridygham CCM/AOS 86 points

Vanda Newberry Apricot 'Tenny' CCM/AOS 86 points

Cymbidium Little Black Sambo 'Black Magic' AM/AOS 83 points, Wilson Ng.

Toronto Judging Centre, May 6, 2017:

Cryptochilus sanguineus HCC/AOS 78 points, Stanley Luk

The next judging will be held Saturday, June 3 at the Toronto Botanical Gardens at 1 pm. AOS Judging is a service of the American Orchid Society and is open to all! Bring us your flowering orchids,



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Web site: www.soos.ca ; 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, Laura Liebgott, 905-883-5290; Vice-President and Treasurer, John Vermeer, 905-823-2516, ; Secretary, Sue Loftus 905-839-8281;

Other Positions of Responsibility: Program, Ann Antanaitis ; Plant Doctor, Doug Kennedy; Meeting Set up, Yvonne Schreiber; Vendor and Sales table coordinator, Diane Ryley; Library, Liz Mc Alpine ; Web Master, Max Wilson; Newsletter, Peter and Inge Poot; Annual Show, Peter Poot; Refreshments, Joe O'Regan. Conservation Committee, Tom Shields; Show table, Synea Tan, Cultural snapshots, Alexi Antanaitis, Directors at large Marion Curry, Lynda Satchwell and Kevin Hushagen .

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

Annual Show: February 10-11, 2018.

May 14 2017 Show Table Ribbons

Class	First	Second	Third
Class 1 Cattleya Alliance	Enanthleya Twilight Magic (Enanthleya Middleburg X Encyclia alata) Synea Tan	(Rlc. Circle of Life 'Red Halo' X C.. Ryo Iwata ' Leucadia') 'Big Boy' John Vermeer	C.walkeriana 'Kenny' FCC/AOS Synea Tan
Class 2 Paphiopedilium	Paph Bouilly Port Doug Kennedy	Paphiopedilum In-Charm Lady Synea Tan	Phrag. Franz Glanz John Spears
Class 3 Phalaenopsis and Vanda Alliance	Vdp. Little One Rosanna Li		
Class 4 Oncidium and related	<i>Cochlioda noezliana</i> X <i>Fernandezia sanguinea</i> Synea Tan	Miltoniopsis Bert Field Caeole Belalta	. <i>Erycina pusilla</i> Henry Glowka
Class 6 Dendrobium	<i>Den. trantuanii</i> Rosanna Li		
Class 7 All Others	<i>Polystachya paniculata</i> Rosanna Li	Promenaea Ben Berliner Synea Tan	
Class 9 Baskets and Displays	Mix Basket Synea Tan		

Orchid Words by Connie and Milton Charlton 12 April 2017

Milton and I are orchid neophytes and decided to make an online orchid crossword puzzle to help build our vocabulary. We are passing this on just for fun. Some of the clues are a bit cryptic. Some clues relate to native Canadian orchids. The crossword is not of the professional type found in newspapers; making those requires too much expertise and time. You may access the crossword at

<https://crosswordlabs.com/view/orchid-words-by-connie-and-milton-charlton-12-april-2017>

You can select this URL and copy and paste it into the URL space in your browser or you can put the cursor on the URL and hit CTRL-left mouse click to open the website.

Solving the crossword online:

Click a cell on the crossword grid, or click a clue.

Click twice on a cell to toggle between across and down.

The active cell is highlighted in blue.

Start typing in the word. Hit ENTER when you are done typing in the word.

The word will turn green or red if you got it right or wrong.

You can use the tab and shift-tab keys to move around the crossword.

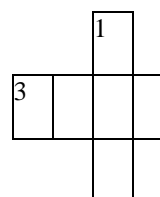
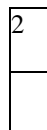
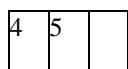
Do not click on Instructions after entering words. Your work will be erased.

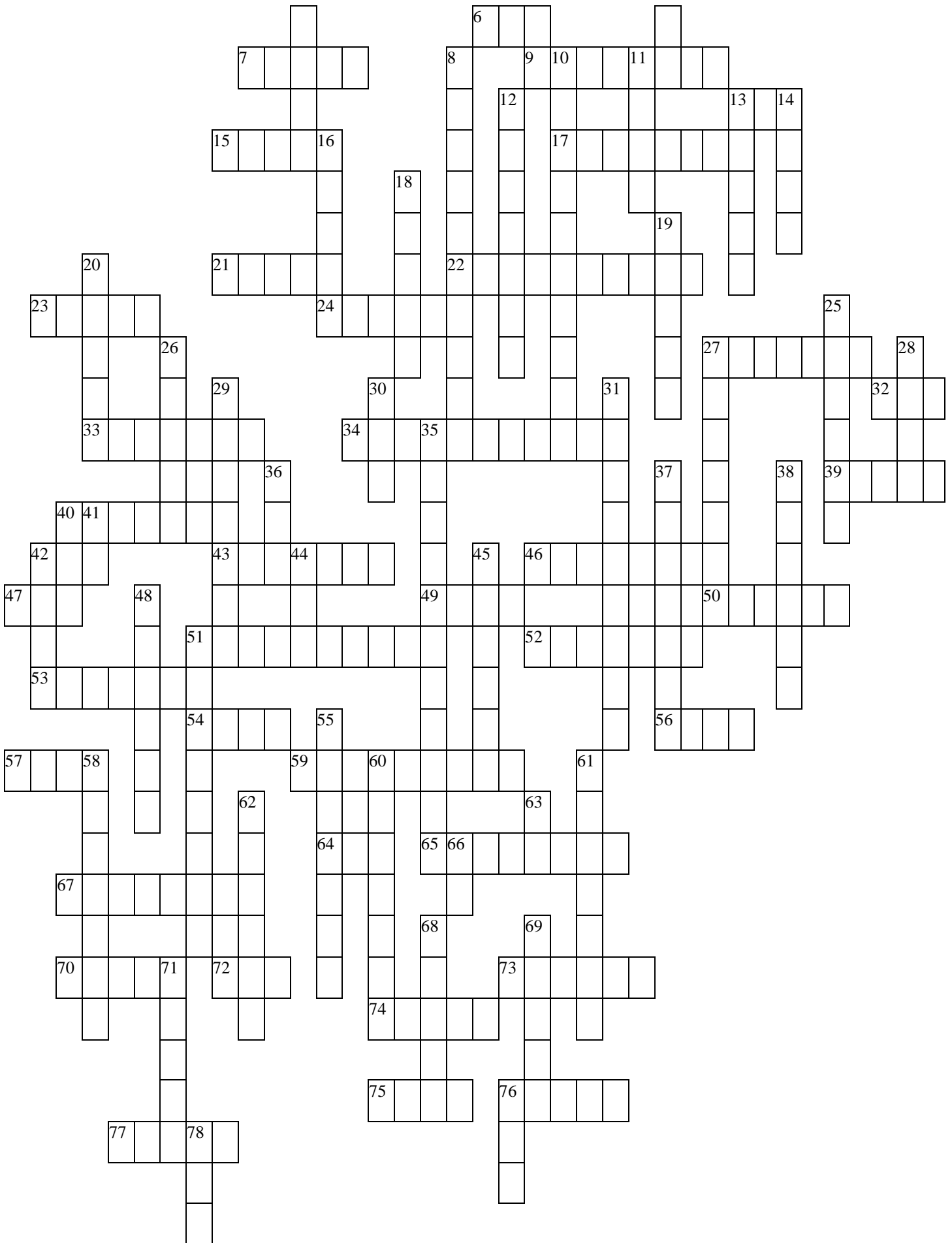
Do not click on Edit.

You can click on WORD or PDF to make printable copy of the crossword.

To see the answers, click on **Answer key** and enter the passcode "**grexerg**". Print this out.

Connie Charlton





Across

3. Walmart Orchid (abbrv)
4. Certificate of cultural merit
6. American Orchid Society
7. Do not water this part of orchid
9. Equitant Oncidium
13. Certificate of horticultural merit
15. Common first name of Dendrophylax linden and Epipogium aphyllum
17. Corsage orchid
21. Gives orchid awards
22. Water and food storage organ
23. Tissue culture container
24. Modified protective leaf
27. Orchid root covering
32. Cloud forest orchids get in this
33. Major threat to native orchids: _____ loss
34. Invasive orchid sometimes
39. Orchids grow best when _____ potted
40. Offspring
43. Low density necklace
46. Partially burned wood
47. Temporary seed storage
49. Southern Ontario Orchid Society
50. Describes root growing into air
51. Phals and Vandas have this growth habit
52. Women's hair: Ladies' _____
53. Root-like stem
54. Growing point of stem or root
56. Flat orchid mount
57. National flower orchid of Panama: ____ Orchid
59. Grass that isn't green
64. Certificate of cultural excellence
65. Sheepish Canadian orchid
67. Old pseudobulb with growth potential when separated
70. Popular book/movie: The Orchid _____
72. Orchid database: Orchid ____
73. Orchidaceae classification group
74. Surname of orchid hunter of India
75. Seedlings of a cross
76. Miltonia flower resembles this flower

Down

1. Language of scientific orchid names
2. Orchid event in Tobermory
5. Result when two species breed
8. Rupicolous orchid
10. Folding paper into orchid flowers
11. Phalaenopsis common first name
12. Extending horizontally
13. Three orchid sepals
14. The best comes from NZ
16. Epiphytic orchids grow on these
18. Neofinetia are natives of this country
19. This Belize orchid is not always this colour
20. Terrestrial orchids dig this
25. Neither high nor low
26. Inflorescence
27. World's most popular flavour
28. Point at which a flower or leaf attaches to the stem
29. Caribbean dance orchid
30. Cool new light
31. Hybrid vigour
35. Cinderella orchid
36. Bark up this tree
37. Naughty Platanthera
38. Number of sets of chromosomes
41. Reverse osmosis
42. Coconut Fibre
44. Orchids get their pouty look here
45. Fused sexual parts of an orchid
48. Genetically identical organisms
51. Hungry white fuzzball
55. Little dragon orchid
58. You need this for successful orchid culture
60. Type of orchid that grows naturally in the environment
61. Metallic orchid genus
62. Frankenorchid
63. Measure of acidity or alkalinity
66. Award of quality
68. Climb
69. Produces bluest flowers
71. Necessary for orchid seed germination

77. Orchid plantlet

76. Orchids don't smoke it

78. Botanical gardens where people first hybridized orchids

Brassias continued by Inge Poot



Brassia gireoudiana
'Marta Herra' AM-AOS,
Photo: J. Enrique, O+ 1.3

Brassia gireoudiana Rchb.f & Warsz.(1854) occurs in Costa Rica and Panama.

It has 1-15 well-spaced flowers per inflorescence; flowers are 20-25cm high, pale green with brown dots and bars proximally. The species likes dappled to bright diffuse light, that is, 2500-3500 foot-candles of diffuse light and no direct mid-day sun. Strong air movement should be given at all times. Night temperatures average from 13-15C (55F to 59F) from winter to summer and days are 8-10C (15- 17F) degrees warmer. Reduce watering December to April with an almost dry rest in February. Humidity is very high for summer to fall, but reduces to 70% in winter.

The most famous cross is Brassia Rex : *gireoudiana* X *verrucosa*

Moir feels this cross of the two most perfect species for producing large, well-spaced blooms is perfect for using in intergeneric hybrids



The next important hybrid is the cross with *arcuigera* giving Brassia Edvah Loo
The one shown on the right is 'Whitaker' HCC-AOS, with flowers 16cm X 42cm!



Hybrids of Brassia Edvah Loo (OW 12.2)



Brassia Edvah Loo X Brassidium Gilded Urchin = Brassidium Shooting Star



Brassia Edvah Loo X Bratonia Olmec = Bratonia Shelob

But this picture does not do the cross justice!

Bratonia Shelob 'Tolkien' AM/AOS

from Orchids Plus 1.4



This is a better picture!

Bratonia Olmec 'Goodwood' AM/AOS

Brassia Rex X Miltonia Minas Gerais



Brassia Rex 'Lexie's Num-Num' FCC/AOS
Photo: James McCulloch, O+ 1.4

X

=



Miltonia Minas Gerais 'Lyn' AM/AOS
Photo: O+ 1.4



Photo: Jay Norris, O+ 1.4

Brassia keiliana Rchb.f. ex Lindl. (1852) is found in Colombia, Guyana, Venezuela. It used to be an *Ada*. It grows in damp forests, at cool to warm temperatures of 10-12C/50-54F nights with days 8-11C/ 16-21F degrees warmer. Reduce water January to April

On average: 8 flowers/inflorescence, horizontal Natural Spread 4.2cm



Brassia keiliana, Photo: John Varigos, OW12.2

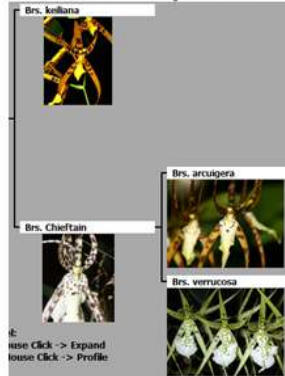
Brassia Curly Locks 'Just Right'

HCC/AOS

a *keiliana*, *arcuigera*, *verrucosa* hybrid



Photo: Ronald Uhlig, Orchids Plus 1.4
Owner: Alan Salzman from Rochester, NY



Images: OW 12.2

Brassia keiliana hybrids

(All but one image from OW 12.2)



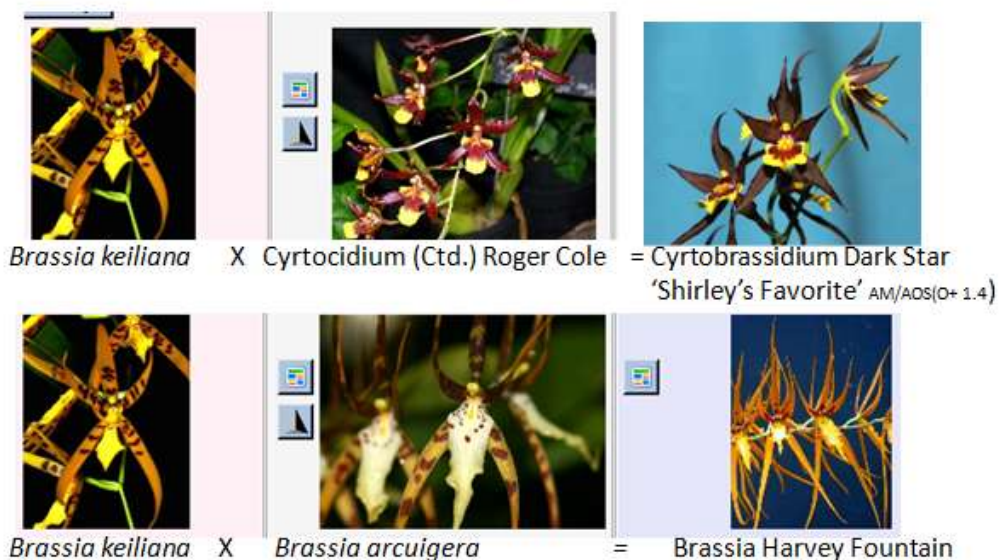
Brassia keiliana X *Oncidium Sorel Point* = *Brassidium Jerry*
'Linwood' HCC/AOS(O+ 1.4)



Brassia keiliana X *Rhynchostele bictoniense* = *Brassosteles Summit*

More *Brassia keiliana* hybrids

(All but one image from OW 12.2)



Brassia maculata R. Br. in W. T. Aiton (1813) is found in Belize, El Salvador, Guatemala, Honduras, Jamaica, Gulf of Mexico, SE and SW Mexico, Nicaragua.



Image: Curtis's Botanical Magazine, OW 12.2



Brassia maculata—photo: Dr R. Wagner, OW 12.2

- Grow in dappled to bright indirect light
 - Grow warm to hot, that is at 18C – 30C (66F- 85F) at night. Winters about 3 Celsius (6F) degrees cooler. Diurnal range is 7C (12-13F)degrees.
 - Grow wet, reduce water in winter with a minimum in March. Never dries out completely in its native habitat due to high humidity and heavy dews.
- It has 28 first generation offspring and 85 total crosses containing it.

Brassia maculata offspring



'Los Osos'
HCC/AOS

Photo: C.
Trudgian,
OW 12.2

Brassia maculata X *Rhynchostele bictoniense* = Brassostele Gordon Dillon

OW 12.2



Brassia thysodes, photos: Patricia Harding, OW11.2

Brassia thysodes Rchb.f (1868) is found in Bolivia and Peru. It has about 30 flowers per sometimes **branched** inflorescence and a natural spread of 7.5 cm

Grow in dappled to bright indirect light, cool to warm, nights 13-16C /55-61F, days 8-12C/15-21F degrees warmer, grow wet, keep drier December to March

Not many hybrids with the species were an improvement over the parents, unfortunately.

Images: OW 12.2



Brassia thysodes X *Brassia Rex* = *Brassia Solana* 'Aka's Spider'
AM/AOS



Brassia verrucosa 'Sundance' CCM-AOS

Photo: Orchids Plus 1.3



Brassia verrucosa Bateman ex Lindl. (1840) has a warty lip
Is found from Southern Mexico to Venezuela

- both sides of the dividing mountain range from Southern Mexico, through Guatemala, Honduras, El Salvador, Nicaragua and a few in Venezuela
- 10-15 flowers per inflorescence, well-spaced and presented out of the leaves
- About 10cm horizontal natural spread
- 35 awards
- 611 progeny!!!
- Grow shaded to in dappled light
- Grow cool to warm : 12-16C/54-61F nights, days 6-8C degrees/13-16F degrees warmer
- Reduce watering in March

Brassia Datacosa (*verrucosa* X *caudata*)

'Coos Bay' AM/CCM/ AOS

Striking Result!



Brassia verrucosa

Photo: M. Rosim OW 12.2



Brassia caudata

Photo: J. Portilla OW 11.2



Brassia Datacosa 'Coos Bay'

Photo: Orchids Plus 1.4



Perhaps the most famous offspring of this species is **Brassidium Pagan Lovesong**, the cross of **Oncidium Tiger Butter** and **Brassia verrucosa**.



Brassidium Pagan Lovesong
'Ruby Charles' AM-NZOS,
OW11.2



X



Brassidium Pagan Lovesong
'Sheila' FCC-AOS,
NS 14.0cm, O+1.3

Brassidium Pagan Lovesong Progeny



Brassidium Pagan Lovesong X Onc. Coupe Point = Brassidium Barbara Hawk



Brassidium Pagan Lovesong X Oncidium Tiger Butter = Brassidium Hansruedi Isler

Bratonia (Miltassia)

Charles M. Fitch

Parents:



Brassia verrucosa

Photo: M. Rosim OW 12.2

X



Miltonia spectabilis
variety
moreliana

Photo:
Charles
Rowdon
Orchids Plus
Version 1.4

=

Offspring:

Bunched flowers



'Evelyn' AM/AOS



'Krueger' AM/AOS, Photos: O+ 1.4



'Maria Delia' JC/AOS, Photo: Mei Ling, O+ 1.4

Peloric
Well-
spaced!

Bratonia (Miltassia)

Charles M. Fitch

Parents:



Brassia verrucosa

Photo: M. Rosim OW 12.2



Miltonia spectabilis

Photo: P. Harding, OW 12.2

Offspring:



'Synnove'
HCC/AOS
Orchids Plus
Version 1.4



'Izumi'
AM/AOS
O+ v. 1.4
(Probably a
moreliana
progeny)
Remarkable
for its
pleasing
spacing
of flowers

References:

- Orchid Wiz, version up to 12.2
- Orchids Plus, Version 1.4
- Orchids of Venezuela, An Illustrated Field Guide, GCK Dunsterville and LA Garay
- Icones Plantarum Tropicarum, Series 1 and 2
- Icones Plantarum Orchidearum Peruvianum
- Creating Oncidiinae Intergenerics, WWG Moir and MA Moir
- Internet – Google
- Biodiversity Heritage Library