



The Orchid Collection

Vol. 40, No. 2 - October, 2019

Genesee Region Orchid Society, Inc.
<http://www.geneseeorchid.org>

NEXT MEETING: Monday, October 7, 2019

No Beginner's Meeting ❁ Social "Hour" 7:00 - 7:15 p.m. ❁ Meeting begins at 7:15 p.m.

Brighton Town Hall, 2300 Elmwood Ave., Rochester, NY



Vanda (née neofinetia) falcata 'Hisui'.
Photo ©New World Orchids

Rochester's weather is currently flip-flopping from Summer-ish to Fall-ish, as is customary this time of year. I suppose it's really time to prepare your orchids for the coming months - even if it is occasionally sort of "tropical" or "chilly" outside. Orchids may be among the most adaptable of plants, but a change of 30 degrees in the high temperature from day to day is probably a bit outside their comfort zone!

Kristen Uthus of New World Orchids will present "Japanese Orchids: The Small & Mighty" to kick off our orchid season this year. New World Orchids is owned and operated by Dr. Uthus with help from her husband, Dr. Kevin Wehrly, and her two sons, Henry and Gus. Although they specialize in Japanese orchid species, in the last year, they have expanded their collection back into the New World by offering a number of miniature orchid species from other parts of the world.

Kristen travels to orchid societies all over the country to talk about orchids, particularly *Vanda (née neofinetia) falcata*. A look at the New World Orchid website reveals that *Vanda (née neofinetia) falcata* in all of its varieties is one of their specialties, along with pleurothallids, vandaceous species, and dendrobiums.

Kristen will be bringing plants to sell at the meeting. Therefore, members may NOT bring in their own orchids for sale or trade this month.

We'll be taking Kristen to dinner before the meeting - details in our email. As usual, everyone pays for his or her own meal - except Kristen! If you'd like to join us, please contact Carol Butcher at 585-742-3403.



Dr. Kristen Uthus

There will be no Raffle *per se* in October due to time constraints at the Brighton Town Hall location. However, we will have a plant drawing for all paid up GROS members, and guests who join the Society (prior to the business meeting) at the October meeting. There will be no "formal" Beginner's Meeting in October, but please feel free to bring in a troubled plant and we will have a team of experienced growers at our meeting location to diagnose your plant problems between 6:00 pm and 7:00 pm.

Please note: due to time restrictions at our October meeting location, we must conclude the October meeting by 9 p.m. sharp - so it will not be a late evening for us.

The Show Table will be back, so brave the monsoon or sirocco or whatever Mother Nature has in store - and bring in your flowering plants. We'll see you there!

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GROS Meeting Minutes Sept. 9, 2019

New President Fran Murphy started the meeting at 7:17 pm.

There were no new members present. Fran thanked those who brought snacks – Diane Bernard and John Kellas.

Treasurer Susan Ackerman reported the current bank balance is \$19,897. Recent expenditures include rent, rent for the Brighton Town Hall Conference Room for the October meeting, and printing show postcards & posters. Unfortunately these have the wrong date. One suggestion would be to affix stickers with the current date. Reprinting would be \$200. Jeanne Kaeding made a motion to reprint. Dean Edwards seconded. Motion carried.

Deposits included the speaker's fee for a talk given by Dave Weiss, the speaker's fee for a talk given by Bill Renick, and twelve new memberships prior to those paid at this meeting.

The usual space at the JCC will not be available for our regular October meeting. The October GROS meeting will be at the Brighton Town Hall. Fran Murphy thanked Margery Greene for coming up with this solution; Margery in turn thanked Carol Butcher for actually making the room reservation.

John Kellas will check out the long-term rental cost for continuing to meet in the JCC or maybe moving to the new YMCA opening soon.

Fran thanked Phil Matt for getting the meeting notice out to everyone.

The picnic was scheduled for what turned out to be the hottest day of the summer, and people did not attend, except Carol Butcher, Susan Ackerman, John Kellas and Fran Murphy. They had a mini Board meeting.

Fran stated that the auction is not making the profits that it used to years ago. If we want an auction, we could do it for the December meeting, as there are no speakers scheduled for that meeting. We would have to start no later than 6 p.m. and not have a beginner's

meeting. Most of those present voted to have an auction. Fran asked for a volunteer to run the auction. Kim Hober, who has been ordering the auction plants the last few years, was not present due to a death in the family. Fran will check with her whether she wants to be in charge again.

Fran brought up the newsletter and canvassed for ideas for articles. Jeanne Kaeding has a couple of ideas. John Kellas will see about getting permission to reprint an article from an organization in the Adirondacks about orchids native to New York State.

Fran asked for volunteers for the beginners' meeting. Bill Renick, who has been running the beginners' meetings for the last few years, is in Arizona for another 8 to 18 months. Fran is looking for different people to each take a meeting, or two people to take one meeting with shorter topics. He will cover if there is no one else for a particular meeting. Craig Smith & Jeanne Kaeding volunteered to talk about growing under lights for November. Natalie Auburn offered to talk about growing orchids outside. Fran will pass around a clipboard next meeting to set beginners' meeting topics and presenters.

Fran raised the issue of the Member sales commission. This is set at 15% in our Bylaws. While he would prefer to eliminate the commission, we are not going to be amending the Bylaws now.

Upcoming shows: The Syracuse (Central NY Orchid Society) show is set up October 4, open to public October 5-6, tear-down October 6. Diane Bernard can tear town. Jeanne Kaeding can collect plants and help with registration but cannot do the setup. Absent another volunteer, Fran will set up.

The Buffalo show is November 8-10. Volunteers are needed for setup and tear-down there.

Best way to contact Fran: he checks his home phone messages and email once a day. If it cannot wait, call his cell phone. (585) 474-7294.

New business: Margery Greene proposed making a donation to the AOS in memory of Joe Kunisch. Jeanne Kaeding made a motion that \$100 be donated to the AOS general fund in Joe's memory. Natalie Auburn sec-

onded. The motion carried. This was the last bit of official business, ending at 7:40 pm.

Carol Butcher gave us an update on the next couple of meeting programs. Next month will be Kristin Uthus from New World Orchids. Anyone pre-ordering plants will receive a 10% discount. New World Orchids specializes in miniatures.

In November, our speaker will be Fred Clarke. He does several programs. Let Carol know which topic we prefer.

Carol then introduced our speaker, Claudio Rossi (Cloud's Orchids) who gave a presentation on dendrobiums. The dendrobium family is huge, with six major groups. The program wrapped up after 9:30 so our show table was not formally presented, although Carolyn Edwards did talk about her Lycaste before she packed it up.

- Margery Greene
GROS Secretary

**October 7
Meeting is at
Brighton Town
Hall!**

Our October 7th meeting will be at the Brighton Town Hall - lower level. Entrance from the parking lot in the rear.

Don't go to the JCC on October 7, as the GROS will not be there!

No Beginner's Meeting for October, but those with questions about orchid problems can bring in their plants for an expert analysis, between 6:00 and 7:00 p.m. the night of the meeting.

GROS September Show Table

Plant	Genus Synonym	seed parent	pollen parent	grower
Cattleya Alliance				
Cattleya (C.) Mini Symphony	Laeliocattleya (Lc.)	Cattleya Mini Purple	¹ Cattleya Pastoral Symphony 'Elfin Blue'	Fran Murphy
^{2a} Caulocattleya (Clty.) Ethels Paradise 'Inkalapana'		Caulocattleya Chantilly Lace	^{2b} Cattleya Penny Kuroda Gp (Penny Kuroda Gp)	Constance Anglin
Cypripedium Alliance				
Paphiopedilum (Paph.) Hsinying Alien		Raisin Pie 'Hsinying' (sib cross)	Supersuk 'Eureka'	Fran Murphy
Oncidium Alliance				
Brassia (B.) caudata				Fran Murphy
Brassidium (Brsdm.) Wild Warrior 'Chieftain' HCC/AOS		Oncidium (Onc.) leucochilum	Brassia Stardust	Fran Murphy
Oncidium Charlesworthii 'Mishima' (1910) ³	Oncidioda (Oncda.)	noezlianum	incurvum	Fran Murphy
Oncidium Golden Afternoon 'Rich Yellow'	Wilsonara (Wils.)	Tigrina	sphacelatum	Fran Murphy
Oncidium ⁴ Red Berry 'Starry Starry night'	Wilsonara (Wils.)	unable to find	unable to find	Fran Murphy
Oncidium unknown 'John Doeii'				Doug Fleischman
Rhynchosia (Rnc.) Pacific Paranoia 'Other Side of Cool'	Odontonia (Odtna.)	Rhynchostele (Rst.) bictoniensis	Miltonia Honolulu	Fran Murphy
Scaphosepalum (Sppm.) breve				Diane Bernard
Vandaceous				
Phalaenopsis (Phal.) bellina				Diane Bernard
⁵ Phalaenopsis cornu-cervi f. borneensis				Diane Bernard
⁵ Phalaenopsis cornu-cervi f. chattaladae				Diane Bernard
Phalaenopsis David Lim		amboinensis	gigantea	Diane Bernard
Phalaenopsis Yaphon Batman		KS Happy Eagle	samera	Diane Bernard
Vandopsis unknown				Constance Anglin
Cymbidium Alliance				
Cymbidium (Cym.) Golden Elf 'Sundust'		ensifolium	Enid Haupt	Carolyn Edwards
Miscellaneous				
⁶ Galeandra (Gal.) baueri				John Kellas
Lycaste (Lyc.) aromatica				Carolyn Edwards
Notes:				
Due to time constraints, the show table was not presented. Corrections are in bold. Some of these are corrections I made last year when you showed the same plant. Please update your tags. Genus abbreviations in parentheses after first occurrence.				
¹ Both parents of this Cattleya have parents transferred from Laelia to Cattleya. Pastoral Symphony is a primary cross of two former Laelia species transferred to Cattleya.				
^{2a} The apostrophe is omitted in the official registration - "Ethels" not "Ethel's"				
^{2b} There are four separate registrations for C. Penny Kuroda. C. Penny Kuroda Gp is the one registered in 1976. C. Penny Kuroda (Sophia Martin Gp) is registered in 1978. Both are Summer Stars x guttata. The 1995 crossing of those two breeding lines is C. Penny Kuroda (Caudebec Gp). In 2013 the crossing of the Caudebec Gp back to the Sophia Martin Gp was registered as Penny Kuroda (Francisco Sueiro Gp) If anyone can tell me what the "Gp" abbreviation stands for, and why these are not considered synonyms of each other, I would love to know.				
³ There are three hybrids and one species all called Oncidium Charlesworthii (species has lower case c), the result of the taxonomists collapsing cochlioda and odontoglossum into oncidium. The year is part of the name, because if you are using the correct genus name, it is the only way to convey that you mean the one that used to be an oncidioda.				

(continued on Page 5)

Nature's Little Pixie

I always think of cattleyas as greenhouse plants because to grow them well you need to provide lots of sun, moving air, humidity and a night temperature around 58 F (14 C), which is a little cool for the average home. There is a notable exception to this rule, however, and that is *Cattleya luteola*. The smallest of the *Cattleya* species, *C. luteola* flowers well, not only in a greenhouse, but also under ordinary fluorescent lights, in a confined area with virtually no air movement. Although I still grow a few plants of *C. luteola* in my greenhouse, most of my *C. luteola* now sit under fluorescent lights in my basement in a small room built to raise *Cattleya* seedlings in flasks. The room maintains a temperature of 70–75 F (21–24 C) at night, and when the fluorescent lights go on in the morning, the temperature rises to 85 F (29 C) and remains there until the lights go off in the evening. There are no fans in the flask room, and my *C. luteola* plants produce a constant flush of new growths and are in flower year round.

I grow them in 3-inch (7.5-cm) clay pots in sphagnum moss that is not packed too tightly. Most of the plants I have come from Kenneth Tokach of Far West Orchids in Lake-wood, Washington, where he grows them on cork slabs in a warm greenhouse with fairly bright light, so *C. luteola* can accommodate a range of conditions not usually acceptable to other cattleyas. Its most important requirement seems to be a warm climate day and night.

Cattleya luteola was apparently grown successfully in Europe during the 1830s and 1840s at a time when most orchids, including other *Cattleya* species, grew poorly, or simply not at all. It was conventional wisdom back then to put all orchids in a heavily shaded “stove” or hot greenhouse, steaming with excessive humidity. Most orchids grew so badly under these conditions that they died in a short time and Europe became known as “the grave of tropical orchids” during this period. The ability to grow *C. luteola* well under low-light and high-temperature conditions seems to account for its survival when other orchids died from the same treatment.

Although *C. luteola* was grown in private orchid collections in Europe as early as the 1830s, it does not appear to have been sold commercially until the 1840s. It was not de-

scribed botanically as a new species, however, until 1853 when John Lindley wrote about it in *The Gardeners' Chronicle* (pg. 774). Because the orchid had been in cultivation for so many years under the name *C. luteola*, Lindley simply accepted the name without any reference to its origin or meaning. After Lindley described *C. luteola*, it seems everyone wanted to get into the act and, in 1856, Klotzsch described it as *Cattleya flavida*, Regel described it as *Cattleya meyeri*, Meyer described it as *Cattleya modesta* and Reichenbach described it twice, as *Cattleya epidendroides* and *Cattleya holfordii*. Eighteen fifty-six was an exciting time for *C. luteola*, and it must have been the orchid of the year. The first colored picture of *C. luteola* is believed to have appeared in *Curtis's Botanical Magazine* for 1858 (Tab 5032), and it has sometimes been called *Cattleya sulfrea* in reference to the color of its flowers.



Cattleya luteola is an adorable little plant with pseudobulbs only 2 inches (5 cm) tall and flowers often less than 2 inches (5 cm) across. It usually produces two to five flowers on a stem, although it can produce as many as nine flowers on a stem. Flowers are normally a lemon or sulfur color, but greenish-yellow clones also exist.

Cattleya luteola

The anterior lobe is whitish on occasion, and the front of the lip can have a few purple streaks or spots, but generally, *C. luteola* gives the impression of being a concolor yellow flower. *Cattleya luteola* has only one leaf on top of the pseudobulb, and the flowers have no cuts in the lip, unlike so many of the other small-flowered *Cattleya* species. *Cattleya luteola* is reported to have fragrant flowers, but

none of my plants show fragrance under either green-house or fluorescent light.

Cattleya luteola was not used much in early breeding, but has become a popular parent in recent years for making small windowsill-type *Cattleya* hybrids. Its cross with *Sophronitis coccinea*, first made by Casa Luna in 1963, produced one of the most popular miniatures of all time, *Sophracattleya Beaufort*. This hybrid took over the windowsill garden scene as soon as it arrived, and became a popular parent in its own right for making miniature *Cattleya* hybrids. More than 100 crosses have been made since 1991 using *Sc. Beaufort* and it has been hybridized with all shapes and sizes of flowers of the *Cattleya Alliance*.

Cattleya luteola is native to the Amazon regions of Brazil, Peru, Ecuador and Bolivia, where it grows under shady conditions on tree trunks in thick woods, along streams. The night temperatures in these regions range from the mid-60s F (16 C) to the low 70s F (21 C), with day temperatures in the mid- to high 80s F (27 C). Humidity is 80 to 85 percent and the plants flower more than once a year. Despite my love for the large-flowered lavender mountain cattleyas of Colombia, Venezuela and Brazil, *Cattleya luteola* is one little pixie I seem unable to be without. One plant or another produces its sunny yellow flowers all the time to welcome me to my flasking room. It is one of nature's little treasures that make growing orchids so wonderfully satisfying. A.A Chadwick has grown cattleyas since 1943. His series of articles on cattleyas is now available on the World Wide Web at www.chadwickorchids.com. 520 Meadowlark Lane, Hockessin, Delaware 19707.

— A.A. Chadwick.

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Orchids – The Bulletin of the American
Orchid Society, March, 2004 in Orchids, aos.org.*

- Show Table, from Page 3

Notes:

⁴Wilsonara refers to Cochlioda x Odontoglossum x Oncidium, which are now all Oncidiums. I cannot find any parentage information on this plant.

⁵Both of these would be registered by RHS as simply Phal. cornu-cervi without the form names. However, some taxonomists consider forma borneensis to be a separate species, Phalaenopsis borneensis.

⁶From Bolivia

- Margery Greene

Genesee Region Orchid Society Officers 2019-2020

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For Sale

Unused, in box, commercial quality "fluorescent damp" service 4-tube T5 fixture with four (4) 56W brand new tubes. Super-efficient highly polished reflector. Very light in weight & easy to hang above your plants.

This is just an extra I've had sitting around since I upgraded my basement growing room. Puts out a LOT of light - you can grow Catts and even Vandas under this thing.

First \$100.00

Contact Phil Matt at the October meeting or email me at order3@philmatt.com if you're interested.



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