



The Orchid Collection

Vol. 38, No. 7 - April, 2017

Genesee Region Orchid Society, Inc.

<http://www.geneseeorchid.org>

Next Meeting: April 3, 2017

Orchids 101 - 6:00 p.m. ❁ Social "Hour" 7:00 - 7:15 p.m. ❁ Meeting begins at 7:15 p.m.

Louis S. Wolk Jewish Community Center, 1200 Edgewood Ave., Rochester, NY

The annual Spring Show will be a (really fresh!) memory by the time our next meeting takes place. It'll be a great time to display your ribbon-winning plants on the Show Table, as well as a time to relax and to "decompress" after the two-day blur of Show activities. Program vice president Kim Hober will present a short talk on "Virus in Orchids", and co-president Jeanne Kaeding will demonstrate an orchid virus detection kit. Agdia, Inc., a leading provider of plant pathogen diagnostics, is donating a virus testing kit with which the GROS can experiment. We will be able to process 5 samples, which we will do in front of the audience at the meeting.

According to the American Orchid Society, "Orchids are susceptible to a variety of biotic and abiotic agents that can hinder their development and diminish the quality of their leaves and flowers. Among biotic agents, fungi, bacteria and viruses are the most important. Viruses are organisms invisible to the naked eye that can be seen only through transmission electron microscopes, which can amplify their images several thousand times.

Some 30 different viruses have been reported infecting orchids in various regions of the world. Of those, *Odontoglossum* ringspot virus (ORSV) and *Cymbidium* mosaic virus (CyMV) are considered the most important ones due to their prevalence, worldwide occurrence and the severe symptoms they can induce in several orchid genera, often reducing their vigor, lowering flower quality and leading to economic losses. Mixed infections are quite common, because these viruses have similar biological and epidemiological characteristics and are frequently transmitted together."

Members are free to bring their plants for sale or trade, as there will not be an outside speaker. There is no pre-meeting dinner in April. Don't forget - at the April Orchids 101 meeting, Bill Renick will be doing a "Pot and Take" - which means (according to Bill...) that he has a *Cattleya* compot that he will break up at the Orchids 101 meeting. All members in attendance will receive individual seedlings - free! - to take home and try to grow. (Remember Yoda's advice when it comes to growing orchids, "do or do not, there is no try"...) Anyhow, we'll know in several years how it all works out.

Don't forget to bring your flowering plants - it probably won't even snow the night of the meeting, and the first meeting after the Spring Show always features one of the best Show Tables of the year. We'll see you there!

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GROS Meeting Minutes March 6, 2017

Jeanne Kaeding called the Business Meeting to order and welcomed new members and guests to the meeting.

Thank you's to: Natalie Auburn and an anonymous person for tonight's refreshments.

Orchids 101

No Beginner's Meeting this month

Book Sale

A selection of books and magazines were made available for sale to meeting attendees. Additional books and packages of magazines will be available for sale at the show.

Treasurer's Report

Denis Monefeldt presented the following report:

Bank balance	\$18,892.22
Income received \$	105.00
Expenses paid	(\$ 366.82)

Nominating Committee

Jeanne advised that the nominating committee will be looking to put together a slate of officers for presentation at the annual meeting. Kate Recard, chairman, Margery Green and Jen Lang will be talking to potential officers. If you are interested, please let one of them know as soon as possible.

Dutch Connection

Thank you to Noel Krzesinski for organizing GROS participation at the Dutch Connection at the Eastman House. Thanks to all the members that sent plants for the event.

Southern Ontario Orchids Society (SOOS) Show, Toronto

Show was held February 10 through 12. The Society had a display at the show, thank you to Jeanne Kaeding and Carol Butcher for coordinating and to all members that sent plants: Molly Weimer, Natalie Auburn, Constance Anglin, Dwaine

Levy, Carol Butcher, Allan Sowinski, Kim Hober and Jeanne Kaeding. Many ribbons were awarded including a second for the display. Kim Hober received an 84 point AM/AOS and first place ribbon for her Rrm. The Hollow's Promise 'Chelsea Spots'. Please see the March Newsletter for additional ribbon placings.

September 2017 meeting date

Our meeting date falls on Labor Day again this year. Jeanne polled the group to look at alternative dates. The Sunday after Labor Day had the best reception. Jeanne will talk to the JCC about availability for September 10th.

Show Report

Carol Butcher and Diane Bernard gave a show update. Diane had more posters and postcards and asked members take them to various locations and anywhere else they could think of.

The show will be a four day show this year running on March 30, 31 and April 1 and 2, 2017.

Set-up: Thursday, March 30th

Judging: Friday, March 31st at 10:00. (Ribbon clerks and lay judges needed from 9:15 until noon)

Public Access: Saturday and Sunday, April 1st and 2nd

Clipboards were circulated. Please think about which committees you can work on or volunteer your time at the show including but not limited to:

Food – Sue Ackerman coordinating - lots of desserts on the list, need more chili, caserole type dishes.

Registration – Kim Hober – Please pre-register your plants online. The form is on the website. If you think you might be bringing a plant, register it as it is easier to delete a plant than it is to add one.

GROS display – Gretchen Beaver and David Weiss will be overseeing. Member plants need to be registered and at the show by 5:00 p.m. on Thursday.

Individual or group exhibits – please contact Natalie Auburn as table space is at a premium.

Judging - Jeanne

AOS judging - Jeanne

Admissions table - gatekeepers – no bags allowed in the display area

Member's sales table – Phil Matt. Please see the website for rules and forms. Sellers to sign up, get a seller identification letter and volunteer for a shift at the table. Phil will give you your identification letter and a guide on labeling your plants and filling out the forms. Plants need to be at the show on Friday, the 31st between 11:00 and 4:00pm. Call Phil if you will have difficulty with the time frame. Keep in mind that all sales subject to 15% commission and 8% sales tax when pricing your plants.

Hospitality – sign up for times with Diane Bernard

Set-up – Thursday March 30 – helping vendors, no heavy lifting – have good number of volunteers

Tear down – on Sunday 4-6:00pm – pretty well covered for volunteers

Food – Thursday: Pizza; Friday: Judges breakfast.

Members Preview Party 5-8:00pm, cost about \$15 per member. (NB: cancelled)

Wine, beer, food catered by the museum

Fran Murphy will look into this

Diane is looking for a show chair apprentice to learn some of the jobs related to the show: admissions, dealing with vendors, advertising and publicity. She said that none of these jobs are complex or extremely time consuming. Anyone interested, please let Diane know.

The business meeting was adjourned.

(continued on p.4)

March Show Table

Plant	Genus Synonym	seed parent	pollen parent	grower
Cattleya Alliance				
Cattleya (C.) C.G. Roebling (1895) ¹ 'Sentinel'	Laeliocattleya (Lc)	C. gaskelliana	C. purpurata	Fran Murphy
Cattleya coccinea 4N (<i>four different plants</i>)	Sophronitis (S.)			Mike DeVito
Cattleya Drumbeat 'Triumph' AM/AOS	Laeliocattleya (Lc)	Bonanza (Bracey)	Horace	Fran Murphy
Cattleya Ida Elizabeth 'Patricia'	Laeliocattleya (Lc)	Cattleya Hausermann's Spirit	Cattleya Memoria John Wilson	Fran Murphy
Cattleya Memoria Alvin Begeman 'Poem'	Sophrrolaeliocattleya (Slc)	Cattleya esalqueana	Cattleya Beaufort	Fran Murphy
Cattleya Pink Opal 'Rose Orb' HCC/AOS	Sophrrolaelia (Sl)	Minipet	wittigiana	J. Kaeding
Cattlianthe (Ctt.) Sierra Sunrise	Laeliocattleya (Lc)	Cattlianthe Pixie	Cattlianthe Rojo	Kim Hober
Cattlianthe Tutankamen	Sophrrolaeliocattleya (Slc)	Cattlianthe Chocolate Drop	Cattleya Mae Hawkins	J. Kaeding
Enanthleya (Eny.) Bob Gasko 'SVO' HCC/AOS	Epicattleya (Epc.)	Guaricylcia (Gcy.) (formerly Epc.) Kyoguchi 'M. Sauno' Mutation	Cattleya (formerly Lc) Seagulls Tangerine	Kim Hober
Rhyncattleanthe (Rth.) Cheryl Winkelmann 'Chris'	Potinara (Pot.)	Cattlianthe Acker's Madison	Rhyncattleanthe Afternoon Delight	Fran Murphy
Rhyncholaeliocattleya (Rlc.) Montana Spirit	Potinara (Pot.)	Rlc. William Farrell	C. loddigesii	Margery Greene
Rhyncholaeliocattleya (Rlc.) Memoria Grant Eichler 'Lennette'	Brassolaeliocattleya (Blc.)	Rlc. James Hausermann	Cattleya Irene Finney (1964)	Fran Murphy
Rlc. Lady's Favorite 'Morning Mist' BM/JGP	Brassolaeliocattleya (Blc.)	Rlc. Vicky Gold	Cattleya Little Oliver	Fran Murphy
Rlc. Mount Yellowthorne	Potinara (Pot.)	Rlc. Tapestry Peak	Cattleya Fabled City	Fran Murphy
Cymbidiinae				
Cymbidium (Cym.) Frog Prince		Tiger Moth 'Ugly Duckling'	Doris	J. Kaeding
Cym. Memoria Siu-Ling Li 'Ho Yan' JCC/AOS		floribundum	ensifolium	J. Kaeding
Cym. Banana Split		erythrostylum	tigrinum	J. Kaeding
Cypripedium Alliance				
Paphiopaedilum (Paph.) delenatii		Paph. delenatii 'Tiffany'	Paph. delenatii 'Hien'	M. Greene
Paph. (<i>unnamed cross</i>)		Paph. Veritilario	Paph. Duncan York	Fran Murphy
Dendrobium Alliance				
Dendrobium (Den.) nobile	Den. nobile var. cooksonii ²			Margery Greene
Oncidiinae				
Brassia (Brs.) Memoria Bert Field 'Orange Prince'	Brassada (Brda.)	aurantiaca	verrucosa	J. Kaeding
Brassidium (Brsdm.) Red Rascal 'Gold Lace'	Stewartara (Stwt.)	Brassia keiliana	Oncidium Santrix	J. Kaeding

Show Table, from p. 3

Oncidium (Onc.) Camilita Portilla		noezliana	Christopher Merino	J. Kaeding
Oncidium (Onc.) Sharry Baby		Jamie Sutton	Honolulu	Fran Murphy
Oncidium (Onc.) Vernal Aura 'Sunrise' ¹	Wilsonara (Wils.)	Onc. Santee Lakes	Onc. reichenheimii	Kate Recard
Oncidium (<i>unnamed cross</i>)	Odontioda (Oda.)	Petite Lace	Leysa 'So Red'	J. Kaeding
Oncostele Masai Red (also called Midnight Miracles)	Colmanara (Colm.)	Rhyncostele bictoniensis	Onc. cariniferum	J. Kaeding
Osmoglossum (Ogm.) pulchellum ³	Cuitlauzina (Cu.) pulchella, Odontoglossum (Odm.) pulchellum	Natural hybrid?		J. Kaeding
Tolumnia (Tolu.) Northern Lights		Di Ciommo Guisepppe	compressicaulis	Margery Greene
Miscellaneous				
Lycaste (Lyc.) Alaus Wayburn		Always	Auburn	Fran Murphy
Propetalum (Pptm.) Lise Bee 'Purple Rain' HCC/AOS ⁴		Lise Gobeille	Bumble Bee	J. Kaeding
Notes:				
¹ The other <i>Cattleya</i> C.G. Roebling (1916) was always a <i>Cattleya</i>				
² Kew just calls this <i>Den. nobile</i> . <i>Cooksonii</i> is the peloric form				
³ Kew says <i>Osmoglossum pulchellum</i> is a natural hybrid, and then leaves the reader hanging. Unable to find what are the supposed natural hybrid parents.				
⁴ A <i>Propetalum</i> is a <i>Zygopetalum-Promenaea</i> hybrid				
- Margery Greene				

What is Kew Thinking?

After Leon Glicenstein's presentation, I have been considering all the taxonomic lumping by Kew, and find myself disagreeing with it more and more. I recall when I looked up Judy Wischoff's *Habenaria erichmichelii* from the show table of September, 2015, and discovered that Kew considered it to be a *Habenaria rhodocheila* I assumed that the differences must be superficial (like sheepdogs versus poodles). After seeing the morphological differences in detail from Leon's slides, and knowing that unlike dogs, *erichmichelii* and *rhodocheila* were not artificially bred to look so different, I can't help wondering "What is Kew thinking?"

The genomes of *Phalaenopsis equestris* and several other Phals have been fully sequenced, as well as *Oncidium Gower Ramsey* (in 2011) and *Dendrobium nobile* (in 2012). To the best of my knowledge, *Odontoglossums* and *Ondiciums* have been lumped together based on DNA overlap, not identical percentage of the full genome. Has the taxonomic community decided that they will take as given x% similarity and look only at the area

of the genome where they expect to have differences? What % is valid to draw the line? What if there are surprises in the other areas of the genome?

Homo sapiens and *Pan troglodytes* (that's chimpanzee to you) have 96% identical DNA, with 99% identical amino acid sequences, with 3% of the differences through additions and deletions to the human genome. (<http://genome.cshlp.org/content/15/12/1746.full>) What if there is a similar situation with orchids, and the Kew taxonomists aren't looking at the right genomic sections?

My cat has DNA 95.6% identical to a tiger, but I am not about to let a tiger sit on my lap. Dogs and wolves have 99% identical DNA based on full sequencing, and they can and do interbreed. But they behave completely differently, and we all know a dog when we see one. *Odontoglossums* are cooler growers (different behavior) and have a different "look" compared to (other) *Oncidiums*. Why is it scientifically acceptable to call an *Odontoglossum* an *Oncidium*, but we call a dog a dog, not a subspecies of wolf?

- Margery Greene

(Meeting Minutes, from p. 2)

Speaker

Kim Hober introduced the speaker for the evening – Leon Glicenstein.

Leon, who has been growing orchids since 1954, presented an excellent slideshow and talk on "A Few Habenarias". This is a genus of 'bog orchids' encompassing 800 to 1,000 species in tropical and temperate climates.

Elizabeth Bieck supervised the raffle of the raffle plants.

Fran Murphy presented the show table.

Next meeting: April 3, 2017

Website: www.geneseeorchid.org

See you all at the Show!!



Leon Glicenstein Offers Custom Potting Mix

Leon Glicenstein described his custom potting mix for Habenaria at the March meeting. There were several requests for it to be posted, so here it is:

Terrestrial Mix

4 parts seedling bark mix
6 parts #3 Perlite
2 parts small charcoal
3 parts Miracle Grow Potting Soil
1 part packed container of dry cut -up sphagnum moss

Mix. Use!



The Orchid Collection is a publication of the Genesee Region Orchid Society. It is published ten times per year for our members. Single membership is \$20.00, family membership is \$25.00 annually. Dues should be sent to the GROS at P.O. Box 20606, Rochester, N.Y. 14602.

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GROS SPRING SHOW 2017

April 1-2

Eisenhart Auditorium
RMSC

GROS Members: Free Admission!

Sat: 10am - 5pm

Sun: 10 a.m. - 4pm

In Memoriam

Douglas W. Wischoff, long time GROS member and husband of member Judy Wischoff, passed away on February 21, 2017, at the age of 83.

Doug proudly served our country in the United States Navy during the Korean Conflict. He was a long time member of the V.F.W. and past Commander of the American Legion. He retired after many years from New York Telephone Company as a Certified Energy Manager.

Donations in Doug's memory may be made to a charity of your choice .



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