

The Orchid Enthusiast

The Newsletter of the Central New York Orchid Society

Affiliated with the American Orchid Society and Orchid Digest

Page 1 Volume 14: Issue 8 April 2012

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Contributions to the Orchid Enthusiast by members of the CNYOS are welcome. Articles, pictures, or ideas for discussion subjects should be submitted by the first week of the month before the next meeting to: egalsen@twcny.ny.com

Next Meeting: Sunday April 1. There Will Be No Formal Meeting. We Will Meet at 11AM in Front of the Parish Hall to Car-Pool to Rochester for the GROS Show and Sale.

Remember – April 1 at 11AM

GROS Show

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The GROS (Genesee Regional Orchid Society) Show will be held from Friday, March 30 through Sunday, April 1, 2012. Setup will take place on Thursday, March 29 from 10AM to 8:30PM, and teardown on Sunday, April 1, at 4PM. Friday is devoted to judging and the show is not open to visitors.

The show is open to the public on Saturday and Sunday from 10 to 5, and 10 to 4 respectively. It is located at the Rochester Museum and Science Center's Eisenhart Auditorium at 657 East Ave, and admission is \$7.

**DIRECTIONS: TAKE I-90W To EXIT 45. MERGE INTO I-490W
TAKE EXIT 20 TO MERGE INTO UNIVERSITY AVE
TURN LEFT AT WINSTON RD. N (400ft)
TAKE FIRST RIGHT INTO EAST AVE. (1.7mi)
TURN RIGHT AT GOODMAN ST. N. (430 ft)**

Vendors at the show will be: Bloomfield Orchids, Kelley's Korner Orchid Supplies, Main Street Orchids, Marlow Orchids, Mt. Pleasant Orchids, Murphy's Orchids, Piping Rock Orchids, and Windswept in Time Orchids.

**It's time to renew
your membership!**

Individuals \$20

Family \$22

**Or send a
contribution to help
our depleted
treasury.**

**Send check to:
Carol Haskell, Treas.
102 Wythrop Rd
Syracuse NY 13209**

Send plant registration information the weekend ahead of the show or earlier to Iris Cohen for any plants you will be entering in the CNYOS Show Display (461-9226) or iriscohen@aol.com. Indicate whether plants are windowsill grown or under lights. For Phals. and Cattleyas, also include the color.

The CNYOS display will be set up by Jan Woodworth (687-7207), Judi Witkin (422-0869), and Sue and Jerry Finger (458-3040) and plants may be dropped off with any of them, but call first. Lori Burritt (826-7242) in the Utica area will be taking plants from that area to Sue Finger the Wednesday before setup (the 28th), so contact her before this date to drop off your display plants with her. Takedown will be by the same crew, plus any members who will be at the show on 4/1.

STOS Show

Our club will also have an exhibit at the Southern Tier Orchid Society (STOS) Show and Sale which will take place at the Oakdale Mall, Center Court, at Exit 70N off Route 17 in Johnson City, April 20-22. Set up and take – down will be performed

by Jan, Judy, and Barbara Weller (468-5039). Please contact them for plant drop-off points.

President's Message

They say we live our lives by degrees ... Well, today it's only 30 degrees (brrr) and tomorrow it's going up to 60 degrees!!! By next week, it should feel like summer!

Jerry and I had a coincidental event happen. I spoke to Linda Wilhelm concerning our AOS award from last October since we have not been invoiced or had any correspondence from the AOS. She suggested that I should contact the head judge, Andre Levesque, to be sure the proper filing had been done. At the same time that I was getting his address, he was emailing us with the outcome! Who'd have thought! So for anyone who was looking to get a plant of **Dendrobium eriiflorum**, the awarded species, it turns out not to be that at all. The award is given on a provisional status depending confirmation of the species. The plant we have is actually **Dendrobium darjeelingense**. So our award will now go through to the AOS and the clonal name 'Floral Hill' will stay with our plant. Funny how things work out!!

Sue



Dendrobium darjeelingense 'Floral Hill'

Congratulations Sue and Jerry!!

March Show Table

Please note all names, accent marks, and abbreviations that are in boldface.

Kindly **update your labels** with registered names or parents. Bring the information to the show table next time.

Cypripedium Alliance

Paph. Eagle's Nest (Pat Rowland × *fairrie anum*) Braue

Cattleya Alliance

<i>Epi.</i> Unknown	Sotirov
<i>Epi.</i> Unknown	Goshorn
<i>Epc.* René Marqués</i> (<i>Epi. pseudepidendrum</i> × <i>C. Claesiana</i>)	Ditz
<i>Rlc.</i> Shin Shiang Diamond (Kat E-Sun × Tzeng-Wen Beauty)	Finger
<i>Epc.</i> René Marqués	Coleman
<i>Rlc.</i> Unknown†	Braue
<i>Ctt.</i> Hazel Boyd (<i>C. California</i> Apricot × Jewel Box)	Burritt
<i>Rlc.</i> Little Toshie (<i>C. Beaufort</i> × Toshie Aoki)	"

Oncidium Alliance

<i>Onc.</i> Twinkle (<i>cheirophorum</i> × <i>soto anum</i>)	Coleman
<i>Alcra.</i> Tahitian Dancer (Vashon × <i>Onc. soto anum</i>)	Finger
<i>Onc. maculatum</i>	"
<i>Oncidopsis (Oip.)</i> Bartley Schwarz (Beall)‡ (Red Pali × <i>Onc. Honolulu</i>)	Hasse
<i>Tolu.</i> Fantasy (Red Belt × Rainbow)	Stevener
<i>Vonbismarckara (Vbm.)</i> § Truth (<i>Gbt. Kohala Mountains</i> × <i>Onc. Lenestro</i>)	Burritt

Vandaceous

<i>Phal.</i> Unknown	Sotirov
<i>Dtps.</i> Unknown	"
<i>Phal.</i> Unknown	Stevener
<i>Phal. celebensis</i>	Coleman
<i>Phal. bastianii</i>	"
<i>Dtps.</i> Leopard Prince (Sun Prince × <i>Phal.</i> Ho's French Fantasia)	Stevener
<i>Phal.</i> Timothy Christopher (Cassandra × <i>aphrodite</i> subsp. <i>formosana</i>)	"
<i>Phal.</i> Zuma's Pixie (Carmela's Pixie × <i>equestris</i>)	Burritt
<i>Phal.</i> Brother Digger (Golden Sands × Taipei Gold)	"

Dendrobium

<i>Den.</i> Unknown	Finger
<i>Den.</i> Aussie's Chip (<i>aberrans</i> × <i>atroviolaceum</i>)	Weller
<i>Den.</i> Oriental Smile (Fukujyu × Yuubae)	Stevener
<i>Den.</i> Sea Marian (Lovely Virgin × Cassiope)	"
<i>Den. aberrans</i>	Lloyd
<i>Den.</i> Aussie's Chip	Burritt
<i>Den. lindleyi</i>	Burritt

Pleurothallids

<i>Pths. volans</i>	Weller
<i>Masd.</i> Hampshire Prolific (Copper Angel × <i>floribunda</i>)	"

Miscellaneous

<i>Mxl. variabilis</i>	Coleman
<i>Lud.</i> Friar Tuck (<i>Lus. discolor</i> × <i>Anct.* burmannicus</i>)	Braue
<i>Srgt. sceptrodes</i>	"
<i>Zygolum (Zglm.)</i> Louisendorf🍏 × <i>Z.*</i> Blue Blazes	Hasse

*Every orchid genus in cultivation has an official abbreviation.

†Check your records or contact your supplier. *Rlc.* Haw Yuan Gold has different parents. The cross of *Ctt.* Hazel Boyd × *Rlc.* Golden Slippers is not registered.

‡When a taxonomic change causes duplicate grexes, to differentiate between them the name of the hybridizer (or the date) is included in parentheses. This is a permanent part of the name.

§Not named after the famous statesman, but a collector in South America.

🍏 'Rhein Harlekin' (sic) is the clone name. *Zygolum* = *Zygopetalum* × *Zygosepalum*.

Iris Cohen

If you have any questions, you can always call 315-461-9226 or e-mail

[mailto:iriscohen@aol.com?subject=Show Table](mailto:iriscohen@aol.com?subject=Show%20Table)

Minutes – CNYOS Meeting March 4, 2012

No official minutes were taken at the March 2012 meeting. The informal minutes below are based on notes taken by Sue Finger:

Sue Finger brought the meeting to order at 2:45PM after members had a chance to shop among the plants brought by our speaker. Two new members were welcomed.

1. The Treasurer's Report was available. Income was from dues, silent auction, plants sold at the mounting clinic. Expenses were mostly purchases of plants, mounts and moss from Andy's Orchids. A note was made

that we were charged for the mounts and moss, but this expense was not passed on to members, so we are in the red for this year to date. Total Assets \$2,505.00

2. No minutes were available from the last meeting.
3. OLD BUSINESS – SHOWS - Information about the STOS and GROS shows are covered on p.1 of this newsletter.
4. EVENTS - Va Va Bloom at Dickman Farms, Auburn : April 14 and 15 . A sales table for CNYOS will be set up and Judi Witkin will be running it. Plants to sell are coming from Margaret Bridge of Black Meadow Flora and we also will have wooden slat baskets to sell, made by Krum Sotirov. Any one who wishes to help out at the table please call Judi (422-0869) and set up a time to be there. It is said to be a great show with many crafters also and catered refreshments.
5. Orchid programs : Will be presented by Krum Sotirov at the Syracuse Garden Club (April I think) and also at the Dewitt Library in September. The library also does a good deal of advertising for our show.
6. Sunshine Committee : Our chairman volunteered at the February meeting - Monica Kot. If you know of any member who could use their spirits lifted or is ill please call her at 699-3947.
7. NEW BUSINESS - During the meeting, due to our financial problem with the Mounting Clinic, Charles asked for a \$5 donation per plant to offset the club's costs for the mounts.
8. THIS YEAR'S MEETINGS FOR CNYOS:

April : We will be carpooling to the GROS show in place of our meeting on Sunday, April 1st. No business will be done and there will not be a formal meeting. Meet in the parking lot by the Parish Hall at St. Augustine Church by 11 AM.

May : Annual auction. Sunday, May 6th. Charles Ufford and Krum Sotirov will be getting an assortment of plants to be auctioned. Watch for more information on the plants received from which nurseries in upcoming newsletters.

June : Club picnic on Sunday, June 10th at David Ditz's house. More info to come at the May meeting.

July - August : NO MEETINGS ----- HAPPY SUMMER !!!

Sept : Sunday, Sept 9th (one week late due to an early Labor Day holiday) Possible repotting clinic.

Oct : No meeting - It's the **SHOW** on the 6th and 7th. Set up on the 5th- Anyone available, please come out to help prepare. Vendors are Bloomfield, Just Pat, and Marlow's. They will also bring supplies with them.

Show Business : Show Chairman – Eva Galson / Show Secretary - Nancy Loveland / Publicity - David Ditz / Signs - Jan Woodworth, Judi Witkin, Krum Sotirov/ Sign set up by Steve Goshorn, Jerry Finger. / Vendors and Clubs - Honey Goshorn / Food - Jerry Finger / Registration - Sue Finger , Iris Cohen-consulting.

Please feel free to contact any one of these members if you could help out.

Signs will be ordered for advertising the show in the local areas. Jan has worked up a flyer and will order 6 signs printed on corrugated plastic, one-sided, 18"x24" at a cost of \$120. Donations of \$25 each have already been made by 3 members to help defray the cost to the club. Any other donations are welcome. Also, the raffle table proceeds from the June and September meetings will go toward the cost of the signs so you can help out that way by bringing in plants, etc to raffle.

Nov : Sunday, Nov 4th. Program : TBA Fred Clarke of Sunset Valley Orchids, Vista, CA

Dec : TBA

9. Other Events – See Events Calendar below.

The meeting was adjourned at 3:15 and turned over to our speaker, Linda Wilhelm, with the topic of Little Gems, small plants for small spaces followed by a Q and A session.

Following the program, members gathered around the show table and each presented the plants they brought.

Events Calendar

March 4 - 11	Philadelphia Flower Show
March 3-April22	The Orchid Show at NY Botanical Gardens (nybg.org for info. and tickets)
March 10	Mid Hudson Orchid Society Spring Show and Sale in Newburgh, NY
March23-25	Montreal Orchid Show and Sale
March 23-25	SE Pennsylvania International Orchid Show and Sale, Longwood Gardens Kennett Square, PA
April 1	Car pool to Rochester for the GROS Show
April 14,15	VaVa Bloom at Dickman Farms in Auburn
April 20-22	STOS Show and Sale
April 28,29	African Violet Society of Syr. Annual Show & Sale – Sat 1-6, Sun 10-4
May 6	Club auction
June 2	NENYOS Picnic at Piping Rock. More info will follow. Bring a dish to pass, table setting,chair. 2 speakers are arranged for that day (one is Mountain Orchids with plants for sale)
June 10	CNYOS Picnic at David Ditz's house
July & August	No Meetings
September 9	Possible Repotting Clinic
September 9	Focus on Phals, Ballston Spa, NY This year Dr. Ron McHatton will be the keynote speaker and talk on new approaches to pest and disease control. Carlos Fighetti, President of the IPA will speak on the newest improvements on Phal species, and Carri Raven-Riemann, IPA Region Director and owner of the orchidPhile will speak on the best and the brightest from Taiwan 2012. Go to phal.org for more information.
October 5-7	CNYOS Show and Sale at Beaver Lake
November 4	Fred Clarke of Sunset Valley Orchids

Refreshment Volunteers

April	No refreshments necessary. GROS trip	
May	1. Pat Cotter	2. Dale Corey
June	Spring Picnic Everyone Contributes	
September 2012	1. Jack/Deb Hasse	2. ?
October	1. ?	2. ?
November	1. ?	2. ?

Question and Answer (from the AOL Website)

Q - I have been fighting an ongoing mealybug infestation in my *Phalaenopsis* collection for more than two years. Using insecticides has caused me more problems than it cured. Lately, I have been using Ultrafine Sun Oil pesticide, but if I stop for a week, the bugs come right back. I have been told that systemic pesticides do not work on orchids. Is this true? Can you recommend a safe and effective pesticide for my problem? — Steven Schneider

I have never found systemic insecticides particularly effective against mealybugs. However, Orthene does seem to be good for treatment when used at the strength recommended on the label. Because mealybugs are such a problem with fast-growing, soft-leaved orchids like *Phalaenopsis*, it is important to bring them under control, and then treat as necessary to keep an infestation from reestablishing. The classic prescription is to treat every seven to 10 days for three treatments, alternating insecticides. For example, you might choose to use Orthene and Malathion. The use of a wetting agent is also important with mealybugs to penetrate their waxy coatings. —

Ned Nash

Flowers of *Cypripedium fargesii* Fool Flat-footed Flies by Faking Fungus-infected Foliage

Darwin was fascinated by the evolution of orchids but he failed to realize the family's massive capacity for deception. In fact, deception may explain why the orchids are among the most diverse of flowering plants, with anywhere between 22,000 and 26,000 species on record. They have evolved to con an ever greater variety of pollinators.



Cypripedium fargesii

Cypripedium fargesii is critically endangered and found only in the mountains in southwestern China. Zong-Xin Ren from the Chinese Academy of Sciences spent four consecutive summers on Yaoshan Mountain, almost 3,000 meters above sea level, studying a hundred or so of these rare flowers.

Cypripedium fargesii looks sick. Its red and yellow flowers are nestled among two large leaves, both covered in unsightly splotches. These look like the signs of a fungal infection, but they're not. This orchid is deceptive, not diseased. It produces the spots itself and in doing so, it lures in flat-footed flies (Platypezidae) that feed on fungus. The flies, duped by the orchid's false spots, pick up pollen and spread it to another flower. By appearing infected, the orchid reproduces.

The lady's slipper are generally pollinated by bees but *C. fargesii* is different. Over many hours of observation, the only insects that Ren ever saw leaving the flowers were flat-footed flies. Ren captured four of them and when he peered at them under an electron microscope, he saw pollen grains from the orchid, and spores from a fungus called *Cladosporium*. This fungus infects leaves and fruits, and when it does so, it produces black mold spots. The purpose of the orchid's black splotches was becoming clear.

Cladosporium. This fungus infects leaves and fruits, and when it does so, it produces black mold spots. The purpose of the orchid's black splotches was becoming clear.

Ren also analyzed the orchid's scent, an unpleasant fragrance reminiscent of rotting leaves. He found that the flower produces over 50 aromatic molecules that are found in other flowers, but three unusual ones that are common to *Cladosporium* moulds.

Ren thinks that these fungal odors lure the flies to the flower in the first place. Once there, the black spots add to the illusion. This ruse continues at a microscopic level. At the centre of each spot are hairs (trichomes) that have evolved bulges and waists that mimic chains of fungal spores. The flower mimics the fungus in both appearance and smell.

Ren, Li, Bernhardt & Wang. 2011. Flowers of *Cypripedium fargesii* (Orchidaceae) fool flat-footed flies (Platypezidae) by faking fungus-infected foliage. PNAS <<http://dx.doi.org/10.1073/pnas.1103384108>>

Young, Ed. Discover Magazine Blogs. April 11, 2011. <<http://blogs.discovermagazine.com/notrocketscience/2011/04/18/orchid-flowers-fool-flat-footed-flies-by-faking-fungus-infected-foliage/>>

More Q&A from the AOL Website

Q - I am planning a long vacation and am concerned about my orchids. I have been looking at products like Wetnet, an automated drip system, for my 35 orchids. I am wondering whether drip watering would work for my orchids, which are primarily grown in a bark mix. Do you know of anyone who has used a drip system, or if someone who has built some other type of small-scale watering system? **Monica Shively**

A - Yes, drip systems are used on orchids, particularly in large cymbidium ranges. Drip, however, is not a good solution for coarser-grade mixes. If most of your plants are in a fine-grade mix, it should work, but only as a temporary solution, as for extended vacations. I would suggest that you have it set to water only at a maintenance level; otherwise you run the risk of overwatering. Also, this will work best with good-quality water, which is low in dissolved solids, as hard or alkaline water will harm your plants if they are not leached occasionally **Ned Nash**

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The CNYOS Newsletter, is a publication of the Central New York Orchid Society and is distributed to the Society's members ten times per year, prior to all club meetings, events and functions.

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Central New York Orchid Society

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The Central NY Orchid Society usually meets at St. Augustine's Church 7333 O'Brien Rd, Baldwinsville on the first Sunday of each month at 2:00 pm.

*The Central New York Orchid Society
Your local AOS and Orchid Digest Affiliate
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Syracuse, NY 13214*

**April 2012 Issue – CNYOS Meeting April 1, 11AM at the Parish Hall
Car Pool to GROS Show in Rochester**