

The Orchid Enthusiast

The Newsletter of the Central New York Orchid Society

Affiliated with the American Orchid Society and Orchid Digest

Page 1 Volume 13: Issue 10 June 2011

Editor's Note:

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: egalson@twcny.rr.com

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It's way past time to renew your membership!
Individuals \$20
Family \$22

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

**Next Meeting: Sunday June 12, 2011 – Spring picnic at the home of Honey Goshorn, 1502 River Rd. Port Byron
Come between noon and 1 PM**

We hope the weather will cooperate, but the picnic will take place rain or shine.

Take the Thruway to Exit 40, and turn right into Rt. 34
Go 1/6 of a mile to the light, and turn right. You are now on Rt. 38 W

Take it approx 5 miles to Port Byron. At the only light, turn right.

Continue through Port Byron on what is now 38 N.

When you see Ed & Jeans Supermarket on the right, turn right, still on 38 N

Stay on 38 N for about 3 miles

When you cross the Seneca River, a tavern will be on your left,

River Road on your right. Turn into River Road and continue 1000 yards.

There will be sign for parking

The directions are pretty clear, but in case you get lost, Honey can be reached at: 315 776-8468 or 315 246 4970

Bring a dish to pass, a drink for yourself, table service, a lawn chair, and a tray for your lap if you have one. There will be a grill available.

Bring your blooming orchids for the show table.

There will be a presentation given by Andre Levesque and Michael Tremblay. Andre is the head judge of our Show in October, and Michael is also going to be a judge there.

Visit to Piping Rock

Remember that on June 4th, the club is planning a trip to Piping Rock Orchids. The Northeastern NY Orchid Society (NENYOS) is having their spring picnic on Saturday, June 4, at Piping Rock Orchids, 2270 Cook Rd, Galway, NY, north of Albany. They will have a speaker on orchid culture, and Alan Koch of Gold Country Orchids will be there to sell plants in addition to the plants available from Piping Rock. For the visit to Piping Rock bring a small monetary contribution, and a dish to pass.

There may be a car pool set up. Contact Sue Finger, 458-3040 for particulars.



President's Message

As the weather warms and we've started finding spots for our plants outside, it's also time to wind down our club meetings for the summer. We still have another outing or two planned and the good weather sure helps with that. Our June picnic will be the last meeting before we all take the summer off. Check into using the club website to show off your flower pictures since there isn't a show table to bring them to.

I hope everyone was pleased with the outcome of the Southern Tier show and received some nice ribbons or awards. Set up and tear down for shows can be grueling work and I'd like to thank those of you who donated your time and talents to make our exhibit a success.

See you at the picnics!!

Sue Finger

STOS Show

The CNYOS exhibit, expertly set up by Jan Woodworth, Barbara Weller, and Judi Witkin at the Southern Tier Orchid Show and Sale won second place as an exhibit put up by an AOS affiliated orchid society.



Picture courtesy of Jan Woodworth

A number of our members won special awards and ribbons:

Special Awards

Judi Witkin
Phrag. Penns Creek Cascade

Jim Kie Award – Best grown under lights or window

Ribbons

Iris Cohen

c.Mini Song 'Petite' AM/AOS 3d
 Paph. spicerianum 'Dody Ellenberger 3d

Sue & Jerry Finger

Den. Pink Klang 1st
 Phal. Brother Gemstone 1st

Jan Woodworth

Phal. GranLin Jo Jo 3d
 Dtps. KV Charmer 3d
 Phal. I-Hsin Spotted Deer 1st
 Dtps. Unknown 1st
 Ctt.Madge Fodyce 1st

Judi Witkin

Gur. aurantiaca 3d
 Max variabilis 2d
 Phrag Penns Creek Cascade 1st

Donna Coleman

Phal bastianii 3d
 Phal Isis 2d
 Phal. Timothy Christopher 2d
 Zygotoria Midnight Blue 3d
 Zed Kukoo 1st
 Epi. Crystal Valley x flexuosum 1st
 Macoides petola 1st
 Dsh Aurora 2d

Laurie Burritt

Ctl Golddigger 'Buttercup' 2d
 Dpts Brother Enigma 1st
 Phal Ember 3d
 Dpts Melody 3d

Eva Galson

Aergs citrata 3d
 Den Andree Millar 2d
 Dtps Taisuco Micky 2d

May 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

<i>Paph.</i> Memoria Marie Audet (Ninja × <i>sukhakulii</i>)	Finger
<i>Paph.</i> Memorial (sic) Jack Fowlie (<i>delenatii</i> × Doctor Jack)	Woodworth
<i>Paph.</i> Stone Lovely × <i>primulinum</i>	Galson

Cattleya Alliance

<i>Ctna.</i> Jamaica Red (<i>Bro. sanguinea</i> × <i>Ctna.</i> Keith Roth)	Finger
<i>Ctt.</i> Alyssa Nehemie (Fancy Lady × <i>C.</i> Wendy's Valentine)	Stevener
<i>Ctt.</i> Gold Digger (Red Gold × War Paint)	Burrirt

Oncidium Alliance

<i>Hwra.</i> Lava Burst (Mini-Primi × <i>Rdza. lanceolata</i>)	Burrirt
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Vandaceous

<i>Dtps.</i> Sogo Yenlin (Sogo Vivien × Sogo Berry)	Stevener
<i>Dtps.</i> unknown	Woodworth
<i>Phal.</i> GanLin Jo Jo (Brother Victory × Taisuco Atienyuki)	"
<i>Phal.</i> I-Hsin Spotted Deer (I-Hsin Black Panther × Taisuco Kaaladian)	"
<i>Phal.</i> Laurel Blau (Ed Schnell × Velvet Kiss)	"
<i>Phal.</i> Brother Gemstone (Snow Leopard × Brother Fancy)	Finger
<i>Dtps.</i> Taisuco Micky (<i>Phal.</i> Golden Peoker × <i>pulcherrima</i>)*	Galson
<i>Phal.</i> Ember (Mahalo × George Vasquez)	Burrirt
<i>Dtps.</i> Brother Enigma (<i>Phal.</i> Brother Purple × <i>Dtps.</i> Brother Love Rosa)"	"
<i>Dtps.</i> Melody (Casablanca Joy × <i>Phal.</i> Join King)	"

Dendrobium

<i>Den. chrysotoxum</i>	Witkin
<i>Den.</i> Pink Klang (? × ?)†	Finger
<i>Den.</i> Andree Millar (<i>atroviolaceum</i> × <i>convolutum</i>)	Galson

Miscellaneous

<i>Aërgs. citrata</i>	Galson
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*The genus *Doritis* has been eliminated and is now included in *Phalaenopsis*, but the hybrid database has not changed it yet, which will be a monumental undertaking.

†According to the RHS, "We sometimes enter names in the database in the hope of filling in the missing information at a later date, that way we have a record of a name that is obviously in circulation."

Iris Cohen

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

<mailto:iriscohen@aol.com?subject=Show Table>

Events Calendar

June 4	Trip to Piping Rock Orchids
June 12	CNYOS Picnic at Honey Goshorn's house (See p1 for directions)
July & August	No Meeting

September 11	CNYOS Meeting Jerry Fisher of Orchids Ltd. Of Minnesota
September 11	Focus on Phals Day, sponsored by International Phalaenopsis Alliance (see below)
October 1-3	CNYOS Show and Sale
November 6	TBA
December 4	Holiday Covered Dish Party – Glen Decker of Piping Rock Orchids will give a talk

IPA/NENY “Focus on Phals” for Sunday, September 11, 2011

**INTERNATIONAL PHALAEENOPSIS ALLIANCE
 “FOCUS ON PHALS” DAY
 Co-hosted by the Northeastern New York Orchid Society
 Sunday, September 11, 2011**

At: Harmony Hall Community Center, 1401 Peaceable Street, Ballston Spa, NY 12020

In conjunction with the Northeastern New York Orchid Society, IPA is pleased to present a great Speakers’ Day, “Focus on Phals”. This day-long event will feature our keynote speaker, Norman Fang of Norman’s Orchids, Vice President of the AOS and a Regional Director of IPA, who will cover in-depth culture, especially as it relates to growing in moss. Joining him will be Carlos Fighetti, IPA Vice President and Immediate Past President of the AOS, examining Phal. Species and their Variants, and Carri Raven-Riemann, Past IPA President & current New England Regional Director, sharing some of the newest directions in breeding as seen in Taiwan.

The day will also include a roundtable discussion group and a mini-auction of very select Phalaenopsis. The Registration Fee of \$18 just covers the cost of morning refreshments and a light lunch. We invite all orchidists, IPA members & non-members alike, to join us for this very special Speakers’ Day. Guest vendors will include: Norman’s Orchids, the orchidPhile and Kelley’s Korner Orchid Supplies.

PROGRAM SCHEDULE:

8:30 - 9:15 am	Morning Refreshments & Sales Tables Open
9:30 - 10:15 am	Carlos Fighetti: <i>Phal Species & Their Variants – Are They or Not?</i>
10:30 - 11:15 am	Carri Raven-Riemann: <i>The Best & the Brightest - New Breeding in Taiwan</i>
11:15 - 11:45 am	Mini Auction (to raise funds for future meetings)
11:45 - 12:45 pm	Lunch Break & Sales Tables Open
12:45 - 1:30 pm	Norman Fang: <i>The Changing Face of Moss Culture: Tips for Success</i>
1:30 - 2:30 pm	Roundtable Discussion with the Speakers
2:30 – 3:00 pm	Sales Tables Open
3:15 – 5:30 pm	Piping Rock Orchids Open House (2270 Cook Road, Galway, NY 12074)

****** PLEASE NOTE: NEW THIS YEAR – EARLY & FULLY PAID REGISTRATIONS BY SEPT. 2 ARE REQUIRED !***

Registrations MUST be received & paid for by September 2 since space is limited to the first 80 people for this meeting!

Treasurer’s Report

Total Cash and Bank Accounts as of 5/1/11

Cash Account	\$ 337.00
Key Bank	\$ 2,968.91
Total cash and Bank Accounts	\$ 3,105.81

Year to Date Net Inflows Outflows 1/1/11 – 5/1/11

Total Inflows \$ 993.50

Total Outflows \$ 1,193.48

Net Inflows/Outflows (\$ 199.98)

Carol Haskell, Treasurer

Minutes – CNYOS Meeting, May 1, 2011

Sue Finger held a brief business meeting before the start of our club auction:

- 1. Barb Weller will be setting up our club display for the STOS Show this coming weekend (May 6 – May 8, 2011).**
- 2. Sue noted that the club display did well at the recent GROS Show in April 2011.**
- 3. On June 4, 2011, we are invited to Piping Rock for a picnic and open house. Eva Galson will include details, directions and times in the CNYOS Newsletter.**
- 4. Sunday, June 12 will be our CNYOS June meeting and will be the annual CNYOS Club Picnic. The picnic will start at our normal 2PM meeting time and will be held at Honey Goshorn's home. Directions will be published in the next newsletter. Please bring a dish to pass and a chair and dinner service for yourself and any guest you bring.**
- 5. CNYOS 2011 Show - Eva Galson reminded all members that volunteers are needed for various show activities, such as setup, manning the club information table, etc. She passed around volunteer signup sheets and asked all members to consider how they can volunteer during the show.**
- 6. If you have forgotten, dues are due for the 2011 club year and can be paid to Carol Haskell. Dues are \$20 for Single Membership and \$22 for Family Membership.**
- 7. Carol Haskell was preparing for the club auction and did not present the Treasurer's Report formally at the meeting.**
- 8. Sue noted that the club had an extensive show table at this meeting. Because of the auction, she stated we would not review individually the plants on the show table but encouraged all members to check out the beautiful orchids during the auction breaks.**
- 9. Sue closed the meeting by wishing Jeff Snyder from GROS a Happy Birthday.**
- 10. Thanks to Barb Weller and Pat Cotter for providing refreshments for the January meeting!**

Pat Cotter, Secretary, 5-18-11

Growing Under Artificial Lights



Gone are the days when a greenhouse was considered necessary to enjoy colorful orchids year round. Today, faced with rising fuel costs, a light garden can bring orchid magic into your home. Faced with less free time and space, orchidists are experimenting with new fixtures, tubes and equipment, transforming dark nooks into oases. Here, two experienced growers share their secrets for success. The first relies on fluorescent tubes; the traditional choice; while the second opts for high-intensity-discharge lamps, which are increasingly popular. Each system offers benefits and both induce orchids to flower in a closet, basement or wherever a fixture is hung. If you don't believe that, there's a commercial grower, Bird's Botanicals, in Kansas City, MO who grows his entire commercial operation in a cave heated and lighted solely with HID lamps!

The following two articles first appeared in the AOS Bulletin in November 1993. The information contained within these articles is still as informative and timely as it was then.

(Editor's note : Only fluorescent lighting is described here. HID lights will be covered in a future article)

Where natural light is limited consider raising orchids under fluorescent lights. Convenience, climate control and reduced costs are among its advantages.

Twenty-one years ago, my wife, Marie, and I started growing orchids under four fluorescent tubes. Today, there are 49 tubes, ranging in length from 2 feet to 8 feet, hanging in the basement illuminating a 125-square-foot area. Among the orchids are 380 phalaenopsis, 170 paphiopedilums and about 50 assorted orchids - tolumnias, angraecums, aerangis, miniature cattleyas, eurychones, Amesia philippinensis, Chiloschista usneoides, Leochilus oncioides, Ornithocephalus and Howeara Mini Primi.

Growing under fluorescent lights requires more specific conditions than those prescribed for gardening outdoors or in a greenhouse. After all, there is sunshine every day.

The Light Source Since we began growing orchids under lights, a number of light sources other than fluorescent tubes have become available. However, the height of our basement ceiling, the number of new units necessary to light our growing area, the cost of the change and other factors precludes our switching from fluorescent lights.

Several combinations of fluorescent tubes are possible. I prefer those labeled full spectrum. These give off white light and have a spectrum resembling that of sunlight. Though rather expensive, they last about 18 months to two years. When guests enter our basement, they often comment on how bright it is. But this is relative. One can get only 800 to 1,000 foot-candles as measured by a GE-type 214 light meter right under the tubes and in the center of a mass of tubes. Two hundred and fifty to 450 foot-candles are measured near the tops of the leaves. The length of time these lights operate depends on the time of year: 14 1/2 to 15 hours for winter, 15 1/2 hours for spring and autumn, and 16 hours for summer. Six timers turn the lights on and off. The distance between the tubes and the top leaves of the phalaenopsis varies from 8 to 20 inches. Paphiopedilums are positioned 14 to 20 inches beneath the tubes.

Temperature The plants are near a gas-fired, forced-hot-air furnace and gas-fired hot water heater. In addition, heat is generated by the 28 ballasts that service the 49 fluorescent tubes. These heat sources maintain a temperature of 72 to 74F in winter during the day and 68 to 69F in the rest of the house. At night the thermostat is lowered to 58F. If the outside temperature is predicted to be no lower than 30F, window in the basement is opened and a fan draws air in from the outside. This create a 58 to 62F night temperature. Such manipulations in the autumn give us great differentials because the day temperatures are 70 to 75F. Summer presents a problem. We keep as many doors and windows open as possible or use the whole-house air conditioner to cool the space. This gives 78 to 90F day temperatures and 72 to 75F a night.

Air movement is equally as important as any other environmental factor. The air in the basement is moved by six strategically located fans (not including the fan at the window) that operate 24 hours every day.

Fertilizing Phalaenopsis and hanging plants are fed on a regular schedule: on a day-to-day basis of water/spray/water/ spray/feed/spray and repeat. We use room-temperature water from a mixing valve placed between the hot- and cold-water lines. Peters 20-10-20 is diluted to give 75 to 125 parts per million nitrogen. Because these plants are on two-tiered benches covered with 1/2-inch wire mesh, a watering wand is used both for watering and feeding (using a 50 to 1 M.P. Mixer Proportioner). Both the excess water and dilute fertilizer solutions drain onto an assortment of tropical foliage plants. Although these are beneath the benches and receive only 15 to 35 foot-candles of light, they have grown into a veritable jungle. Maintained in clay pots, these plants sit on a layer of TerraGreen baked clay that covers the cement floor. The baked clay is porous and retains a great deal of water. This increases the humidity in the basement, where the relative humidity varies from 50 to 60 percent in the winter and 60 to 68 percent in the summer. The excess water and fertilizer drain into a sump where a pump diverts the liquids outside.

Containers holding paphiopedilums and seedling phalaenopsis are set on stainless-steel trays containing pebbles and plastic "egg crate" (used under fluorescent lights to diffuse the light). Water covering most of the pebbles in the tray evaporates to bathe the plants with humidity. The water level is kept near or at the bottom of the egg crate. This allows air to circulate around and through the containers.

The Orchid Enthusiast

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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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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June 2011 Issue – CNYOS Picnic June 12 at the Home of Honey Goshorn .