



May Meeting – Orchids of the Dominican Republic

Thursday, May 17, 2007

7:30 p.m., Franklin Park Conservatory Classrooms

7:30 – 8:00p.m., Beginners' Corner

A Trip to the Caribbean...

Would be nice. But for most of us the closest we'll get (at least for the time being) will be our next COOS

meeting, when Manuel Aybar will bring the Caribbean, or at least a part of it, to us. Come and hear "a fascinating trip into the Dominican Republic paradisiacal rainforests" as he declaims on its native orchids. Manuel Aybar, an industrial engineer, is originally from the Dominican Republic, has been growing orchids for about fifteen years and is an AOS judge from Texas.

Come and learn what lovely plants he grew up around and enjoy the visuals.

We'll first be meeting Mr. Aybar at Wings restaurant on east Main St. Come join us for dinner around 6PM.



Miltassia Green Goddess

As he is not bringing plants for sale, we'll have a member plant sale table. Be sure to bring your clean, healthy extra divisions and your wallets!

Tennis Maynard

President's Message

It's no secret that we have our eyes on the calendar and our 2009 show date (March 27-29, 2009) looms large. That's because we are hosting the Spring MAOC in conjunction with our show. About nine or ten of us have just returned from the 2007 Spring MAOC hosted by the Illinois Orchid Society and held at the Chicago Botanic Garden. **Naila, Thom Weiland, and Wei** put up our exhibit giving us a presence at an IOS show, possibly for the first time. Those three and **Nancy Wagener** returned with carloads of new plants purchased at the show, delighting the vendors and increasing the variety of material now in Columbus. **Tom Bell-Games** no sooner arrived at the hotel than he was pressed into service to help with plant registration. All in all, the show was both enjoyable and a learning experience.

Mark July 7th on your calendar. The Cincinnati Judging Center is holding its annual speakers day on that date. The cost is reasonable and the speakers are good and the plant shopping fun. Several of us journeyed down to last year's event and found it valuable. Details will be available as we approach the date.

Meanwhile I think we've seen the last of the frosts ... finally. Those of you who grow on light stands or windowsills may be thinking of summering all or part of your collection outdoors. Bring your questions about this to the Beginners' Corner (7:30-ish before the next meeting).

We added some new members at the show. Now we're waiting for them to come to a meeting! C'mon folks, we don't bite.



Dendrobium fimbriatum

Tom Franczak

Please remember that our membership year is January to December. If you joined the society and you paid your dues in November or December of last year, you are covered for this year as well. If you have paid your dues already, bless you. If you have not paid your dues as yet, please renew your membership in the Central Ohio Orchid Society **TODAY**. Please send your check (made payable to "Central Ohio Orchid Society" to our **membership chair, Jon Young (1752 Marsdale Avenue, Columbus, OH 43223)**, OR bring your check to the next meeting. Please support the society by renewing as soon as possible. The dues are \$15.00 for Individuals and \$20.00 per household.

Ye Olde Orchid Glossary

Mask- The colored spot on the base of the lip in miltonias.

Medium- The potting material or mix of materials that is being used inside an orchid pot; the medium may be organic or inorganic.

Medium light- For orchids, the middle category of light-level needs, generally between 2,000 and 3,000 foot candles, and typically found on all windowsills except northern ones, or under high-intensity-discharge artificial lights.

Mericlone- A generally exact copy of an original orchid plant made via the laboratory technique of meristem propagation; since it is a specific cultivar, it is designated by single quotes around its name.

Meristem- Technically, the actively dividing cell tissue taken from root tips and from the tips of new growths or floral shoots; sometimes loosely used to refer to the mericlone plant that is produced from the laboratory propagation of meristem tissue.

Microchilum- Small-lipped.

Micro propagation- Making new orchids by any of the laboratory techniques, including meristem tissue propagation and sterile seed culture.

Monopodial- One of the two forms of orchid vegetative growth (the other is sympodial), wherein a single vegetative shoot grows continually upward, such as in the central rosette of *Phalaenopsis* and the more vine-like *bana*.

Multi floral- Having more than one flower per inflorescence.

Mycorrhiza fungus- A fungus that is essential for the germination of orchid seeds.

Natural hybrid- A hybrid that occurs in the wild without the help of humans.

Nocturnal- Of the night; used in reference to flowers that open after dark.

Node- A distinct joint or notch on an inflorescence, stem, or pseudo bulb from which a flower stem, leaves, or roots can emerge; a term often used to refer to the place on a *Phalaenopsis* inflorescence above which a cut can be made to induce a secondary bloom.

Nomenclature- A system of naming; see "binomial nomenclature."

Nonresupinate- In orchids, those plants whose flower lips are positioned uppermost relative to the inflorescence axis; the vast majority of orchid flowers are resupinate.

AWAY SHOW BULLETIN

The Spring Show Season is all but past us now and we made April memorable by attending the Central Indiana Orchid Society Show and the Spring MAOC put on by the Illinois Orchid Society in the Windy City. A tip of the hat to Naila Caruso for all of her efforts to represent us at the various away shows and she asked that we extend her heart felt thanks to Thom Weiland and Wei-Yi Chen for their assistance at the MAOC. The water bubbled and the house didn't flood so all in all a good show. A tip of the hat is also appropriate to all of the members who contributed plants or who contributed time or energy to gathering plants and getting them to the shows. Without the avid participation of our members, we have nothing to take to away shows. The growing skills of our members were recognized many times which is a good thing and part of the fun of growing orchids.

2006/2007 COOS Officers - Terms of Office are from January 1, 2006 to December 31, 2007

President:	Tom Franczak		614-868-5636
1 st Vice President:	Tennis Maynard	Program Chair	614-252-5710
2 nd Vice President:	Tom Bell-Games	Home Show Chair	614-487-1623
3 rd Vice President:	Naila Caruso	Away Show Chair	614-868-5861
Secretary:	Nancy Heath	Recorder	614-294-6722
Assistant Secretary:	Bill Cavanaugh	Newsletter Editor	614-878-1745
Treasurer:	Dawn Mettler	Collect/Disburse Monies	740-380-3023
Assistant Treasurer:	Jon Young	Membership Chair	614-272-5256

COOS Trustees – Terms of Office Expire December 31st of the Year Shown.

Jim Harper	2009	614-965-1921
Screll Jones	2009	614-864-7924
Ken Mettler	2007	740-380-3023
Nancy Wagener	2007	614-276-8890
Tom Lochner	Immediate Past President	614-487-8197

Welcome New Members

Welcome to Robert Robertson, Jonathon and Agnes Hawkins and Pat Collins, our most recent additions to the Central Ohio chapter of the society of orchid addicts.

Dates for Orchid Judging at the Cincinnati Center: Civic Garden Center of Greater Cincinnati, 2715 Reading Road, Cincinnati. Registration of Plants at 12:00, Judging starts at 1:00. May 13, June 10, July 8 and August 12.



Dracula chestertonii



Trisetella hoeijer

It's Showtime

Shows, shows, shows... We sent displays to Central Indiana and to the Illinois Orchid Society show (MAOC) during April. Thanks to all of the members who made that possible by providing blooming plants to show. We did well in Indiana but ribbons were hard to come by at MAOC as, by all reports, the competition was fierce. Below is a list of those who placed at these shows.

Central Indiana

2 nd	Phal. Maki Watanabe x Mary Brooks	Tom Franczak
2 nd	Dtps. I-Hsing Duckling	Bill and Ruth Cavanaugh
3 rd	Phal. Brother Golden Embers	Bill and Ruth Cavanaugh
3 rd	Wilsonara Golden Afternoon	Tom Franczak
3 rd	Odm. Margaret Holm 'Alpine'	Naila Caruso

IOS/MAOC

2 nd	Phal. Brother Golden Embers	Bill and Ruth Cavanaugh
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Congratulations to all who ribboned and many thanks to all who sent plants.

Notes from the April Meeting.

The show table was another excellent effort. A really splendid display of plants in abundance. Clearly our members possess some formidable growing skills. As ever, we encourage you to bring your blooming plants to the show table and share your skills and the beauty of your plants with your fellow members. The judging was done by Ken Mettler and Ed Davis. They did their usual excellent job and in some cases they awarded multiple ribbons or divided classes due to the abundance of excellent blooms not to mention the great variety. Wei-Yi Chen, your contest point tabulator extraordinaire will have a current tabulation elsewhere in the newsletter. Props to Thom Weiland our first (OK we've only been doing it four months but still, it is the record) grower to win Best of Show three months in a row. Three out of four Thom? Sounds like this is becoming a habit.

Plant of the Month

Thom Weiland *Phrag. pearcei x St. Owen*

Cattleya Alliance Large

Bill and Ruth Cavanaugh	<i>C. Granier's Pride</i>	1 st
Jim Fagan	<i>Lc Mini Song 'La Primera Morada'</i>	2 nd
Bill and Ruth Cavanaugh	<i>C. Haleahi Serenity</i>	3 rd

Cattleya Alliance Small

Tennis Maynard	<i>Iwanagaara Appleblossom 'Golden Elf'</i>	1 st
Bill and Ruth Cavanaugh	<i>Slc. Jewel Box 'Scheherazade'</i>	2 nd
Bill and Ruth Cavanaugh	<i>Lc. Crystelle Smith 'Aileen'</i>	3 rd

Cattleya Allied Species and Hybrids

Edwina Carreon	<i>Encyclia profuse</i>	1 st
Tennis Maynard	<i>Hoffmannseggelia (Laelia) fournieri</i>	2 nd
Thom Weiland	<i>Encyclia Green Hornet</i>	3 rd

Cymbidium

Oncidium Alliance

Tom Bell-Games	<i>Odcdm. Tiger Butter x Odm. crispum</i>	1 st
Tennis Maynard	<i>Bollea violacea</i>	2 nd

Tennis Maynard	<i>Cischweinfia horichii</i>	3 rd
<u><i>Paphiopedilum</i></u>		
Tom Bell-Games	<i>Paph. phillipenense 'Dotty'</i>	1 st
Tom Bell-Games	<i>Paph. mastersianum x Flame Arrow</i>	2 nd
Bill and Ruth Cavanaugh	<i>Paph. Macabre</i>	2 nd
Tom Bell-Games	<i>Paph. Oberhausens Diament</i>	3 rd
<u><i>Phragmipedium</i></u>		
Thom Weiland	<i>Phrag. pearcei x St. Owen</i>	1 st
Thom Weiland	<i>Phrag. besseae</i>	2 nd
Thom Weiland	<i>Phrag. Jason Fisher</i>	3 rd
<u><i>Dendrobium</i></u>		
Thom Weiland	<i>Dendrobium unicum</i>	1 st
<u><i>Phalaenopsis</i></u>		
<u><i>Phalaenopsis sp.</i></u>		
Edwina Carreon	<i>Phalaenopsis equestris</i>	1 st
<u><i>Phalaenopsis White.</i></u>		
Robins ?	<i>Phal Newberry Parfait</i>	1 st
Edna and David Markley	<i>Phal unknown</i>	2 nd
Edna and David Markley	<i>Phal. unknown</i>	3 rd
<u><i>Phalaenopsis Purple</i></u>		
Tennis Maynard	<i>Phal. Tarifa</i>	1 st
Diana Wears	<i>Dtps. Leopard Prince</i>	2 nd
Lamont and Lawanda Martin	<i>Phal. Meidar Blackness</i>	3 rd
<u><i>Phalaenopsis Yellow</i></u>		
Edna and David Markley	<i>Phal. Baldan's Kaleidoscope 'Golden Treasure'</i>	1 st
Lamont and Lawanda Martin	<i>Phal. Unknown</i>	2 nd
Bill and Ruth Cavanaugh	<i>Phal. Brother Golden Embers</i>	3 rd
<u>Other</u>		
Clifton Hynum	<i>Scaphyglottis puntulata</i>	1 st
Nancy Wagner	<i>Vanda Mellow Days</i>	2 nd
Thom Wieland	<i>Lycaste Shoalhaven</i>	3 rd

Annual Growers Contest

Ahh! The competitive juices are flowing now. Of course it is a friendly competition and it is good to see more folks bringing plants for the show table. Just so you remember, in our continuing first and hereafter annual growers contest, points are awarded for plants that ribbon and/or are shown at the monthly show table and also for plants that are awarded/ribboned/shown at the various away orchid shows that COOS attends. Wei-Yi Chen, our master statistician and overall point guru, has compiled the updated results. These totals include the show table through March as well as the Dayton, Lansing, Akron, West Shore and Cincinnati away shows. Show those plants. **If you have read this far you know that there are no changes. Due to technical difficulties, we will update the contest points next month. In the meantime, keep showing those plants.**

Grower	Points	Grower	Points
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Thom Weiland	216	Lori Baldwin	13
Tennis Maynard	162	Wauneta Kerr	12
Bill & Ruth Cavanaugh	132	Lawanda Martin	11
Tom & Pat Stinson	75	Edna Markley	10
Don Weber	70	Harold Blazier *	10
Screll Jones	68	Jim Fagan	8
Naila Caruso	66	Dianna Wears	5
Tom Bell-Games	55	Edwina Carreon	5
Russ Vernon & Anita Martin	45	Steve Pendleton	3
Susan Allison	28	James Feibel	3
Tom Franczak	26	Wei-Yi Chen	1
Cliff Hynum	26	Dennis Eifel	1
Elly Campbell	20	Sarah Binder	1

As the gathering of tags to identify plants shown and/or awarded has been a somewhat inexact science to date, we may have missed someone or someones. If you showed plants and you feel you were not credited, please contact Wei so that he can update the tally.

2007 COOS Calendar

May 17	Meeting – Manuel Aybar – Orchids of the Dominican Republic
June 21	Meeting (speaker to be determined)
July 22 (Sunday)	Picnic, Jim Harper's house
September 20	Meeting (speaker to be determined)
October 18	Meeting (speaker to be determined)
November 3-4	Mini-show
November 15	Potluck Dinner

Board Meetings. Board meetings will generally be held the second Tuesday of odd numbered months with the exception of September:

January 9	July 10
March 13	September 18
May 8	November 13



Laelia tenebrosa



Hwa Yuan Gold YK 2

Questions....

Ok. A long time ago, in a galaxy far, far away...no wait a minute. It was just a long time ago, when I first became editor of this newsletter that I asked you to submit questions that you might have regarding orchids or their care. I promised to try to research the answer or if that was too daunting, to find someone really, really smart to answer the question for me/us. So far, and I know my e-mail still works because of all the spam I get, I have gotten exactly zero questions.

So I thought, why not try it with an example. Then people will realize there are no dumb questions, just dumb editors. So here is how it works. You send in a question, I find an answer or an answerer, and then print it in the newsletter. Just like below, and yes, I cheat, I look up lots of stuff and just skim off what I think is the best.

Question! What fertilizer should I use?

A: Fertilization is a controversial issue among orchid growers. Many debate the merits of inorganic and organic fertilizers and some even question the need for fertilizer. Excessive fertilization will burn leaves and roots. Proper fertilization will enhance growth, flowering, and quality of flower: color, size, and increase flower count.

Research has shown that if orchids are grown in tree fern, osmunda, peat, charcoal, or stone (which are slow to decompose or inert) a complete fertilizer with a 1-1-1 ratio should be used; Nitrogen-Phosphate-Potassium. Bark and bark mixes decompose rapidly because it supports high populations of wood decaying microorganisms. These microbes do not injure plants but compete for available nitrogen; therefore, a 3-1-1 ratio fertilizer is recommended to compensate.

Fertilizers are available in soluble, dry or slow release formulations. Fertilizers with the same basic ratio may be interchanged, but be sure to adjust for changes in concentration. If the recommended rate of 20-20-20 is 1 tsp./gallon to get the same ratio with 10-10-10 fertilizer the rate would be doubled or 2 tsp./gallon. Always follow label instructions! Soluble fertilizers are dissolved in water and applied in place of a normal watering. If the plant is very dry or during hot weather water first and wait about one hour before applying fertilizers solution. Most manufacturers recommend applying soluble fertilizers at monthly intervals. Many orchid growers prefer to use a weak solution weekly and flush the media every third watering or at least once a month to prevent fertilizer buildup.

Organic or urea based fertilizers are acceptable for orchids where the media is allowed to dry slightly between waterings. Soluble or chemical based fertilizers will provide better results for orchids where the media is allowed to dry between waterings. The light requirement of the orchid effects the quantity of fertilizer used: High Light - use maximum recommend, Medium Light - use 50% recommend, and Low Light - use 25% recommend. Fertilizer recommendations will be reduced an additional 50% for plants grown indoors with natural light. Match the fertilizer type to the plants cycle: using a high Nitrogen or balanced ratios (depending on media) during active growth and high Phosphate when the plant is forming flowers. DO NOT APPLY fertilizer to plants during their rest cycle or when cloudy weather is forecast! Orchids summered outside benefit with use of Slow release type fertilizers such as: Osmocote, Schultz MultiCote, Throw and Grow, and Pro-Gro. All of these products release nutrients very slowly, the rate of release being dependent on temperature and moisture content within the media. MagAmp 7-40-6 another slow release fertilizer is not effected by temperature and moisture content plus it lasts 6 or 12 months by granular size (limited availability and order large quantity only). Although their initial cost is higher, one application every three to four months is adequate and plants will be continuously fertilized during that time. Many of the fertilizers are labeled for vegetables or a specific type of flowering plant, any of these can be used provided you follow the ratios and rates listed above. All of these are available at discount retail, hardware, nursery and garden stores or mail order from any orchid vendor.

Cymbidiums are heavy feeders use the rates listed and for other varieties of orchids use at 50% or 25% of the rate listed depending on its light requirement. Osmocote 14-14-14 maximum rates: 4"-1/2 tsp, 5"-1 tsp, 6"-1 1/2 tsp, 8"-1 Tbls, 10"-2 1/2 Tbls, 12"-4 Tbls nursery pots 6gal-2 tsp, 3gal-2 1/2 Tbls, 5gal-4 Tbls.

Reprinted from the IllIowa Orchid Society Newsletter.



Bulbophyllum echinolabium



Calanthe tricarinata

REGIONAL SHOWS: The following are upcoming shows within a reasonable distance from the central Ohio area:

May 12 – 13

Orchid Society of Northwestern Pennsylvania Show, JMC Arena, 423 W. 38th St. Erie, PA. Contact: Jean Metcalf, 2323 Edinboro Rd. GH #6, Erie, PA 16509; (814) 866-3437; orchidiva@yahoo.com

A four hour trip on the freeway system, this probably calls for an overnight stay but you get the chance to see scenic western PA or scenic Ashtabula on the way back.

Editor's Corner: All righteee then!! It has been a glorious spring if you don't count the weather. Lots of orchids, lots of orchid shows, lots of new members, and lots of fun at our annual show and at MAOC, not to mention all of the other away shows. Excuse me while I stand back and bask in the reflected glow of accomplishment. I always worry, genetic I think, that the worst is going to happen and I fret about all of the details but it is good to look back and see that for every worry there was a member to answer the call, for every problem there was a solution, not always orthodox, and for every detail there was a member who filled the need and made us all look good. Take a bow all you participants, you did a marvelous job...so far. Hey, you never know what is around the corner.

Now, on to another topic. I know you all have voices. I talk to you at meetings and between meetings. And I know you all have questions, all you have to do is look in the beginners corner room... it's full if you hadn't noticed. So why are you making my life so difficult? Have I done something to offend you? Do I need to

change deodorant? Are you just plain too shy to ask? Are you certain that the topic you are interested in or that the question you have is something that the rest of us will find appallingly mundane? There are no topics that we won't address. There are no stupid questions, though as your editor I reserve the right to have the occasional stupid answer. Help me out here. Tell me what directions you would like to see the newsletter follow, what questions need answered, what topics should be addressed. No input from you equals all input from me and as my wife always tells me, that is not always a good thing.

Bill C.



Cattleya lueddemanniana coerulea



Catasetum saccatum

Hospitality

Our thanks goes to Chris Bednar, Dotty Burchfield and Sue Dervin, and anyone else who contributed, for all of the delicious snacks that they provided for the April meeting. Also a huge thank you, in advance, to all of those who have signed up to provide snacks and goodies for the upcoming meetings. Below is a list of who has signed up for future dates and the month they signed for. As is ever the case, the spots highlighted in red and reading **Volunteer Needed**, have no volunteers. So those of you who have a burning desire, or not, to volunteer in May and June, you will note that June has NO volunteers and we still need one for May, we need you to give Naila a call or sign up at the next meeting to let her know you would like to add your name to the merriment roster.

If you have to cancel try to get a person from the following month to switch or ring Naila to change months.

2007

May	Wauneta P. Kerr	June	Volunteer Needed
May	Lew Beman	June	Volunteer Needed
May	Volunteer Needed	June	Volunteer Needed
July	Picnic	August	No Meeting

September Volunteer Needed
September Volunteer Needed
September Volunteer Needed

October Volunteer Needed
October Volunteer Needed
October Volunteer Needed

If you have already volunteered for one of these dates, bless you and I will list your name as soon as I have it, just as a reminder.

THE CENTRAL OHIO ORCHID SOCIETY
c/o BILL CAVANAUGH
4965 OLD TREE AVENUE
COLUMBUS, OH 43232



WDC

CENTRAL OHIO ORCHID SOCIETY
NEWSLETTER