

December 2013 *The Orchid Grower*

Orchid Growers' Guild of Madison
Website orchidguild.org



Meeting Dates

December 15, HOLIDAY PARTY – Meeting Room
January 19, 2014 – Meeting Room
February 16 – Meeting Room
March 16 – Meeting Room
April 20 – Meeting Room
May 18 – Meeting Room
June Summer Picnic TBA

Meetings start at 1:30 pm at Olbrich Gardens unless otherwise noted

Up-Coming Events

February 1-2, 2014-Orchid Quest
March 1-2, NEWOS, Neenah
March 8-9, IOS, Glencoe
April 5 -Spring Orchid Sale, Olbrich
April 30-May 4, Orchid Society of Minnesota, MAOC, etc.

Officers and Committees

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Treasurer:

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Board:

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Happy Holidays to everyone!

Our holiday party will soon be here! Put Sunday December 15th at 1:30 pm at Olbrich Gardens on your must do list. This is our annual potluck. We will also have 'Santa' Chuck and his helpers and games. Be sure to reserve your ten dollar plant and let treasurer Terri Jozwiak know you wish to have a plant if you have not done so already. You can pay at the party. It is also your opportunity to renew your membership for 2014 @ \$18.00, a \$2.00 discount if you pay by December 31.

We will have plant judging at 1:00 pm, and the annual announce awards.

You are welcome to check out attendance and food selections at signupgenious.com.

A special thanks to Chuck Acker for making our November meeting at Orchids Garden Center a great deal of fun and full of valuable plant growing tips. We are very fortunate to have our own resident expert 'Plant doctor'.

See you the 15th,

Lorraine Snyder

President

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AOS: Jill Hynum
MAOC: Audrey Lucier
Orchid Digest: Jill Hynum



Now Join us on Facebook!

Jill Hynum has developed two websites for the Guild. The first is [facebook.com/ogg.madison](https://www.facebook.com/ogg.madison) In addition the username OGG.OQ has been set for Orchid Quest. Now you can direct your friends to [facebook.com/OGG.OQ](https://www.facebook.com/OGG.OQ)

ORCHID QUEST 2014 UP-DATE

I thought that it would be good to talk about Fred Clarke. He has been here before but his talks will be different. I hope the members take advantage of the banquet on Saturday night. Dinner starts at 5:30 PM sharp and Fred starts speaking at 6:00 PM. The goal will be to break at 7:00 PM so that he and we can go home to rest and restore ourselves for Sunday. The Dinner Menu is new. It is Roast Pork Loin with Apple Compote served with wild rice pilaf and buttered green beans, Fresh Fruit Salad, and Chocolate Cake. Wine will be available for \$5.00 a glass.

The cost for that remains at \$25.00, the same as last year. This includes the required 19% gratuity.

Arrangements for box lunches on Saturday and Sunday are still being worked out. Look for more information on the web or in the January newsletter.
[Fred Clarke of Sunset Valley Orchids Inc](#)

Fred Clarke has been growing orchids for since 1977 and has been hybridizing for 32 of those years. With over 30 years as a professional grower and manager in the horticultural industry, Fred applies these skills at his 40,000 sq. ft. orchid nursery (more than an acre under cover) Sunset Valley Orchids, Inc., located in San Diego, California.

He is a passionate orchid grower whose curiosity in orchids is broad and varied. Although developing *Cattleya* hybrids has been his sustaining interest, he is also actively creating new *Catasetinae*, *Paphiopedilum* and Australian *Dendrobium* hybrids. He says "Breeding for *Cattleyas* and *Catasetinae* has been producing some very nice developments and the Aussie *Dendrobium* breeding is looking like it's going to be a home run. The off springs have been excellent."

His pioneering work in *Catasetum* intergeneric breeding has led to the development of several notable hybrids, most recently the grex, Fredclarkeara After Dark, which produced "the **blackest** flower ever witnessed". This grex has received eight FCC's, six AM's and the coveted 'Award of Distinction' on the first flowers shown for judging!

Fred is an internationally acclaimed speaker and travels extensively within USA, Puerto Rico, Canada, South America, Australia - twice, New Zealand - twice, and South Africa. He is an accredited American Orchid Society Judge in the Pacific South region. His plants have received hundreds of quality awards from the American Orchid Society.

Pre orders get a 10% discount and with no shipping costs that is a nice total discount. fred.clarke@att.net www.sunsetvalleyorchids.com

Lastly, as you know I am very concerned at out LOW TURN OUT to the

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show. Volunteers are needed for the GROWTH of Orchid Quest: It takes a village to put on Orchid Quest.

Orchid Quest Goals

The survival of Orchid Quest is dependant on having good attendance. Consider giving pre-paid tickets to Orchid Quest 2014 for "Gift Giving" to your family and friends this year. Last year we had an attendance of 1,800 which is much to low for the work that is put into the show. The cost of the admission tickets February 1 -2, 2014 is \$7.00, but prepaid tickets are only \$6.00. To purchase these tickets, contact me at judy_stevenson@sbcglobal.net or call 231-3163. I can have the prepaid tickets available for you at our December 15, 2014 OGG meeting. Tell your friends and family that they can experience a bit of spring in the middle of the winter.

Working at Orchid Quest

As many of you know from past experience, working at Orchid Quest is educational, fun, and adrenalin pumping. Many of you signed up to work before or

during the show last month at Orchids. Please take time to sign up for these all important jobs on [Sign up Genius.com](http://SignUpGenius.com).

Make donations to the Raffle and the Silent Auction

Last year, the Silent Auction brought in a total of almost \$1,200 (\$500.00 more than ever before). Please consider making a contribution to the auction. Your donations will be tax deductible because we are a non-profit organization. You will receive a receipt for your records. Contact Lorraine Snyder at lorraine.snyder127@gmail.com or call 233-5559 advising her that you will be making donations.

Approach Merchants in the Madison Area for donations to the Raffle and the Silent Auction

Last year many of you volunteered to approach merchants in the Madison area for donations to the Orchid Quest. This is one reason why the auction brought in more money. Please let the show chairs, Lynn West or Judy Stevenson that you can help with project. We will give you special tickets for those merchants to come to Orchid Quest 2014 in exchange for their donations.

November Ribbon Judging 2013

First Place

Gary Lensmeyer	<i>Phrag</i> Cape Sunset (Eric Young 4N x <i>Schlimi</i>)
Gary Lensmeyer	<i>Howeara</i> Lava Burst 'Puanani' (<i>Leomesezia</i> Mini-Primi x <i>Rodriguezia</i> lanceolata)
Jeff Baylis	<i>Onc</i> Memoria Kiyoshi Akatsuka 'Volcano Queen' (<i>Gomesa</i> Islander's Love x <i>Gomesa</i> Killer Bees)
Lorraine Snyder	<i>Phal</i> Dottie Bucheck x <i>Phal</i> <i>mariae</i>
Nancy Thomas	<i>Den</i> . Green Mist. (<i>johnsoniae</i> x <i>convolutum</i>)
Richard Miller	<i>Phrag</i> Barbara LeAnn (<i>besseae</i> x <i>fischeri</i>)
Richard Miller	<i>Neostylis</i> Lou Sneary (<i>Vanda</i> <i>falcata</i> x <i>Rhynchostylis</i> <i>coelestis</i>)
Richard Miller	<i>Brassidium</i> Golden Gamine (<i>Oncidium</i> <i>sotoanum</i> x <i>Brassidium</i> Gilded Urchin)
Steven Thimling	<i>Aerangis</i> <i>biloba</i>
Terri Joswiak	<i>Bulb</i> Lovely Elizabeth (Elizabeth Ann x <i>rothschildianum</i>)
Terri Joswiak	<i>Slc</i> Acker's Romance (<i>Cattlianthe</i> Acker's Madison x <i>Cattlianthe</i> Golden Wax)
Terri Joswiak	<i>Masd</i> Mary Staal (<i>coccinea</i> x Angel Frost)
Terri Joswiak	<i>Burrageara</i> Kilauea 'Volcano Queen' AM/AOS

Second Place

Audrey Lucier	<i>Beallara</i> Purple Haze 'Jimi Hendrix' (<i>Miltoniopsis</i> Boulivot x <i>Aliceara</i> Tahoma Glacier)
Audrey Lucier	<i>C.</i> Chocolate Drop 'Volcano Queen' (<i>Cattleya</i> <i>guttata</i> x <i>Guarianthe</i> <i>aurantiaca</i>)
Lorraine Snyder	<i>Paph.</i> Crazy Jolly 'Perfection' x Pacific Shamrock 'Magnificent'
Steven Thimling	<i>Paph</i> <i>spicerianum</i>
Terri Joswiak	<i>Dend</i> Compact <i>Phalaenopsis</i> -type

Third Place

Gary Lensmeyer	<i>Lc</i> Acker's Madison x <i>C.</i> Ackers Angel
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October Ribbon Judging 2013

First Place

Gary Lensmeyer	<i>Galeandra baueri</i>
Gary Lensmeyer	<i>Slc Aloha Apricot 'Waunakee'</i> (C. Little Bit x C. Psyche)
Gary Lensmeyer	<i>Cycnodes cooperi</i>
Richard Miller	<i>Phrag Barbara LeAnn (besseae x fischeri)</i>
Richard Miller	<i>Neostylis Lou Sneary (Vanda falcata x Rhynchostylis coelestis)</i>
Melissa Williams	<i>Lycaste macrobulbon</i>
Lorraine Snyder	<i>Paph fairrieatum 'Red Gem #10' x 'Magic Leopard #1'</i>
no name	<i>Stanhopea wardii</i>
Steven Thimling	<i>Pelatantheria insectifera</i>
Steven Thimling	<i>Paph spicerianum</i>

Second Place

Steven Thimling	<i>Phrag Eric Young (besseae x longifolium)</i>
Gary Lensmeyer	<i>Slc Mae Hawkins (C. Naomi Kerns x C. Anzac)</i>
Richard Miller	<i>Mtssa Dark Star (Mtsa. Olmec x Milt. Anne Warne)</i>
Nancy Thomas	<i>Phrag Rosalie Dixler (besseae x kaiteurum)</i>
Judy Stevenson	<i>Phrag hartwegii</i>



Paph fairrieatum 'Red Gem #10' x 'Magic Leopard #1' grown by Lorraine Snyder



Pelatantheria insectifera grown by Steven Thimling

Photographs by Jill Hynum

OGG BOARD MEETING

The first fall board meeting will be Tuesday, December 10th at 7 pm . Everyone is welcome. Contact Lorraine Snyder for more information.

The Orchid Doctor is In: Chuck Acker on Snow Mold

This year the annual meeting at Orchids Garden Centre with the 'Orchid Doctor', Chuck Acker, began with a discussion on the merits of Orchiaata potting medium. Chuck noted that plants repotted in it were slow starting new growth but eventually they take off. He reminded everyone that plants require extra watering when first repotted in this medium, about twice normal. The label does not recommend pre-moistening beyond misting. The general consensus seemed to be very positive for Orchiaata.

For those looking for pots, Rand's Pot has returned to the market. These orchid pots were designed by Ray Rand, a well known orchid grower from California. These are square, sturdy clear plastic, UV resistant pots with an internal cone with holes for ventilation and drainage.

Chuck inquired about any attempts at self-Pollination as a result of his presentation from last spring. Audrey made an attempt at home with two *Phals* which produced a cigar-shaped seed pod. She sent this to Orchid Origins in Genoa IL where enough seeds were found to flask. Lynn West tried it with *Phaleanopsis*, *Mexipedium*, and *Dendrobium*.

Snow Mold

The main presentation was on Snow Mold Control. This is a fungus in the *Ptychogaster* family. It has a white to gray cottony look, similar to a heavy mealy bug infestation. It has a peculiar and somewhat unpleasant fragrance and is found growing on decayed potting material.

Its mold spores are common in the environment but most especially in the stored fir bark from the west coast. Seasonal conditions can inhibit or accentuate the survival of the spores, and packaging and storage conditions can exacerbate the problem. Large stagnant water storage sources can also be a culprit. Because



Photograph by Jill Hynum
Chuck Acker at November OGG meeting at Orchids

it is hydrophobic, water flushes right through the pot preventing water and nutrient uptake by the plant. It also prevents proper aeration at the root zone and subsequently results in plant dehydration and lack of vigor. The mold does not feed directly on the plant but rather on decaying potting material. If left unchecked it can cause plant death. It can be spread by careless handling of affected material as well as extremely close contact between plants and if environmental conditions are conducive for airborne spores to travel.

Control, repot in fresh mix. For typical mix use Physan 20™ @ 2 tsp/gal to moisten as a prophylactic. **Do not use Physan 20™ to moisten Orchiaata mix.** Always use new pots or wash old pots in a 10% Clorox solution. Wash and soak roots and rhizome of affected plants for 10 minutes with disinfecting fungicidal solution:

- 50% water, 30% hydrogen peroxide, 20% white vinegar, or
- 1/2 cup Pine-Sol® in one (1) gallon of water, or
- 1 pint of isopropyl alcohol and two (2) tablespoons of cinnamon powder. After letting the mixture sit overnight, strain it through a coffee filter, or

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1 part Clorox with 9 parts water, rinse with fresh water.

Other products:

- one (1) tsp Physan 20™ in one (1) gallon of water, or,
- 1/2 ounce Cleary's 3336 in one (1) gallon of water

To prevent snow mold, pre-treat media other than Orchidata (see above). Drench potted plants with Physan 20™ solution every other month. Use good hygiene when handling affected plants by cleaning surfaces, hands and tools using a 10% Clorox solution. Use Physan 20™ (1/2 to 1 tsp/gal) if you are using water stored for an extended period in large containers. Space plants accordingly to prevent contact between pots.

A few topics covered based on questions from the membership:

Another health topic is **bud blast** (when buds wither and fall from an otherwise healthy plant). This can be caused by extremes of temperatures, excessive light, sudden changes of environment, over fertilization as well as root rot. Orchids can be very sensitive to carbon monoxide and byproducts of propane gas.

Timing blooms for a show is very difficult for the home grower, however a plant can be held back by less light and cooler temperatures; playing with the photoperiod at certain times of year. Over time Chuck has noticed plants here naturally blooming later.

Miltonopsis, should be repotted in the winter with temperate and short days. Use African violet potting mix but don't remove the old media. Do not use too large a pot and note that *Miltonopsis* does not want to be divided.

pH. When repotting *Paphs* in Orchidata bark (which tends to be acidic), wait 4 to 6 months before treating it with dolomite lime. Then top dress twice a year. Remember that well water raises pH.

The **best time to fertilize** is all year long.

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Chuck uses 20-20-20. He does not use bloom booster any more as he believes that it is over-rated. For details, check the Orchids care sheets which are aimed at our Wisconsin climate.

Treating for red spider mites: Before bringing plants inside, drench with insecticidal material, either soap, neem oil or malathion and can knock mites out. Spray with something before you bring them inside. Be sure to spray all sides. Remember mites hate water, hose them off. Sue Reed has found a new product which is 'organic', Grower's Trust Spidermite Killer which contains citronella oil, geranium oil, cottonseed oil, rosemary and citric acid. [Do not use neem oil and soap on the jewel orchids.]

The **color of blooms** on an orchid can vary from year to year. Temperature has a huge effect as does light (brighter colors). Chuck does not think fertilizer has any effect.

Chuck's Orchid Challenge

Sixteen of the 32 or so *Doritis pulcherrima* orchids were returned for evaluation. Sandy Delamater has already won for first bloom last August. She said she gave it good light, moving it to capture light, and cooler temperatures. Otherwise she treated it the same as all the rest of her orchids. Terri Joswiak's plant won for the most flowers (nine) on her nicely grown plant. The prize for the best looking plant (and pot) went to Meg McLaughlin. Chuck said that when mature, this species will bloom for six months. It has highly variable coloration for both foliage and flowers.

The next orchid challenge is *Gomesia crispa*, a species native to Brazil. It grows well mounted or potted. The seedling handed out were repotted four weeks ago. It normally blooms in the summer but Chuck highly doubts that it will bloom this year so this is to be a two year contest. In November 2015 the most vigorous plant will be chosen.

ReCap OGG Meeting Sunday October 23

Building an Ever Blooming Orchid Collection

Guest lecturer Leo Schordje, www.schordje.com

Leo Schordje presented a very interesting and entertaining talk. You can view a printed version on Leo's website. Since the talk is on



Photograph by Jill Hynum
Leo Schordje

his website I will just hit upon some of the highlights and some of the other information that he mentioned.

An interesting fact is that you can have an almost constantly blooming collection with as few as 17 plants and they might be all

of the same genera! Leo's mother's collection of *Phalaenopsis* was used to illustrate this concept. *Phalaenopsis*, 17 plants on one windowsill, had blooms for about 12 months.

In order to have any good blooming plants good culture is essential for the plants to bloom to their full potential.

Criteria for selection of orchids consisted of the following suggestions of blooming mature plants, with a key word being MATURE plants.

- Buy sharply seasonal mature blooming orchids at various seasons. This will give you a collection of plants that will rebloom about the same time every year. A collection of selected seasonal blooming species *Cattleyas* of about 18 could give you blooms all year long. Most of the *Dendrobiums* are sharply seasonally blooming also. Note on a calendar when the mature plant is blooming, for it should bloom about the same time every year.

- Buy orchids with no fixed bloom cycle, meaning orchids that bloom on mature growth, with multiple new growths in a year. Various orchid specimen plants, *Cattleya cernua* and *Cattleya* hybrids (made with *Sophranitis*) and *Pleurothallid Alliance* are examples that would give blooms non seasonally. *Pleurothallids* such as *Lepanthes*, *Stellis*, *Restrepia*, *Tristelia* as well as *Masdevallia* are ever blooming examples. *Maudiae* type *Paphiopedilums* with specimen multi-growths will bloom non seasonally with many flowers. There are numerous orchids in the *Vanda Alliance* including *Acodenda* (*Ascocentrum x Vanda*) hybrids, as well as *Ascocentrum* hybrids that are miniatures and are frequent bloomers.
- Buy orchids with long-lived inflorescences with a sequential bloom habit (some *Paphiopedilums*, *Phalaenopsis*, *Phragmipedium*, and *Psychopsis* for example). *Phalaenopsis* hybrids are generally long blooming plants. Some *Phalaenopsis* species are multifloral and sequential blooming such as *amboinensis*, *cornu-cervi*, *equestris*, *fasciata*, *gigantean*, *hieroglyphica*, etc. *Broughtonia sanguineae* plus some hybrid genera such as *Brassotonia*, *Cookara*, *Cattleytonia*, etc. make good ever blooming plants when they reach specimen size with frequent spiking from frequently maturing growth.
- Buy orchids with exceptionally long-lasting flowers. (Some *Phalaenopsis* hybrids and species and *Paphiopedilums* of the subgenus *Cochlopetalum* are sequentially blooming on long-lived inflorescences. *Paph chamberlainianum*, *glaucophyllum*, *kalinae*, *liemianum moquetteanum*, *pir-mulinum*, etc.) Others with long-lasting flowers are from the *Dendrobium* group of

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New Guinea *Dendrobiums* or the *Laturia* group.

Leo gave his opinion on growing under lights saying that the best were the T5 fluorescent bulbs for the cost, great light levels without the heat and unpleasant light that other light fixtures have. Shop-lights are OK but you must change the bulbs yearly and the plants need to be close to the bulbs for maximum lighting. Since most orchids are from around the equator where there are not strong seasonal variations in light, the length of daylight does not have to vary for seasons with about 18 hours per day. Leo thought that the LED lights are not ready for prime-time yet since the quality control on the imported diodes is poor.

Fans are important in the growing area to maintain air movement especially in the summer to keep the leaves cool. Fans should be set to have a flow of air in the growing area 24/7. The constant air movement keeps the leaves cooler, helps keep spider mites and fungus gnats down and helps dry off the leaves from watering therefore there is less chance of fungal infections.

Leo also suggested putting all of your orchid pots inside a larger pot with good air space between the two pots. The second outside

pot will keep the orchid roots cooler in the summer by keeping the warm sunrays from heating up the roots. This is especially important for cool-growing orchids.

Leo uses tap water for his plants in the Chicago area. He suggested using what water you have but if you can use rainwater, then use it. Leo said that the Michigan State original fertilizer resulted in too much potassium in the leaves. This caused leaf problems and stunted plants because of low calcium and magnesium in the plants. There is a new light on potassium (K) Michigan State fertilizer that is much better. A solution of bad fertilizer is good for flushing of the mix between fertilizing.

Leo had few containers of fertilizer for purchase as well as a variety of various mature plants, some blooming.

So remember that mature plants will produce reliable blooming and from Leo's website:

"This bears emphasis: Good culture is essential, poorly grown plants, even with good 'Ever blooming' genetics, won't bloom well or often if they are not growing well."

—Sue Reed



Phrag Barbara LeAnn (besseae x fischeri) grown by Richard Miller

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Bulb Lovely Elizabeth grown by Terri Joswiak

Photographs by Jill Hynum

MAOC Meeting, 'Orchids in Art', Dayton, Ohio, Oct 18-20, 2013

The Show could only be described as beautiful! The Art Institute setting, displays, entered flowers, and entered artwork were beautiful.

From meetings, I learned that the current MAOC Showbook will have only a slight change, that being in the order of exhibits. They will go from smaller 25 sq. ft. to larger 100 sq. ft. to allow judges to reclassify if warranted as they are judging. There will be no changes this year as a result of the huge nomenclature changes in *Vanda* and *Oncidiinae* groups. MAOC will delay and see how these work out over time.

Brian Spitler, in charge of Technology, has a form nearly ready on the internet for register-



Bulbophyllum medusae 'Windswept Whimsical Hair' was Best of Show and received a CCM/AOS award. Its 2,800 flowers on 70 inflorescences was awarded 83 points for Windswept in Time Orchids in Cleveland, Ohio.

ing plants electronically at shows. He would like to hear from society techs, their ideas and suggestions. It should allow for registering walk-ins and spitting out plant tags and judging sheets.



New Vision's display with standout reds and dog photos.

The subject of the next essay contest is "My problem with orchids is ..." in 500 words or less. Lynn O'Shaughnessy submitted the winning, entertaining essay "How I survived my first orchid show" from the viewpoint of an orchid crammed into a box.

Orchidist of the year award went to Roberta Ginavan.

Next meeting in spring will be in Bloomington, MN, April 29 to May 4, 2014. That will include AOS and several Alliance meetings. Fall 2014 meeting is still open. Spring 2015 meeting will be March 19-21; in Nashville, TN. Fall 2015 is still open. Spring 2016 will be again with Dayton, Cincinnati show.

New officers were elected. President: Doris Asher. Vice president: Jim Newsome. Treasurer: Alexa Noel.

The auction was successful, including OGG donation of tray and box. MAOC shared proceeds of approximately \$3300 equally with the Ohio societies sponsoring show.

Speaker Chris Purver from The Eric Young Foundation on Jersey Island near France discussed recent nomenclature changes in the *Oncidiinae* and the history of Founda-



Dendrochilum magnum,

tion. The newer distinction will be cooler growing *Oncidium* vs, warmer growing. *Onc. flexuosum* becomes *Gomesa*. Most *Odontoglossum* and *Cochlioda* become *Oncidium*. Some intergenerics like *Stewartia*, thus become simply *Brassidium*. *Ada* becomes *Brassia*. *Vuylstekeara* becomes *Oncidopsis*. The foundation's hybridizing has resulted in more colorful flowers up to 4.5 inches across.

Eric Michels spoke on *Phalaenopsis* anomalies. Polyploidy is yielding wider lips and peloric petals. Hybridizers are hoping to change the blooming season and to produce bioluminescent flowers.

Holger Perner discussed *Paphs* in China. He showed slides of mainly mottled leaved *Paphs* and their native location in southern China.

After the Saturday auction and banquet, An-

gela Mirro detailed depictions of flowers and plants by artists throughout history. She discussed slides of botanical illustrations from early Chinese up to modern works, only touching on some of her own pieces for sale in the gift shop.

A carved cane, a shrubsize *Dendrochilum magnum*, and the first place Miami Valley Orchid Society Display also caught my eye.

Audrey Lucier
MAOC Representative



This display by Angella Mirro shows the architecture of the Gothic Cloister and was one of the 6 floor and 7 table displays.

THANKS This editor would like to thank Audrey Lucier, Jill Hynum, Sue Reed, Judy Stevenson, Lynn West and Lorraine Snyder for their contributions to this newsletter.

————— Denise Baylis



Bulb Lovely Elizabeth (Elizabeth Ann x rothschildianum) grown by Terri Joswiak



Beallara Purple Haze 'Jimi Hendrix' (Miltoniopsis Boulivot x Aliceara Tahoma Glacier) grown by Audrey Lucier

Photographs by Jill Hynum

Annual Dues are Due!

Take advantage of the savings by paying your dues at the December meeting. After January 1, all renewals will be an additional \$2. Dues are \$9 for fulltime students, \$18 for a single membership and \$24 for households and for businesses. See the treasurer, Terri Joswiak, at the meeting or mail your payment to the OGG at PO Box #5432, Madison WI 53705

UP-COMING EVENTS

- **February 1-2**— Orchid Quest, Exhibition Hall, Alliant Energy Center, Madison WI
- **February 22-23**— Greater Lansing Orchid Society Show “Orchid Jungle,” Michigan State University, East Lansing, MI
- **March 1-2**— Northeastern Wisconsin Orchid Society Show, Holiday Inn Neenah Riverwalk, 123 East Wisconsin Ave., Neenah WI
- **March 8-9**— Illinois Orchid Society “The World of Orchids”, Chicago Botanic Gardens, Glencoe, IL
- **April 30-May 4, 2014**— Orchid Society of Minnesota is hosting the Spring 2014, Mid-America Orchid Congress Meeting, Slipper Orchid Alliance, International Phalaenopsis Alliance and the Pleurothallid Alliance, “Orchids A Growing Obsession”, Doubletree by Hilton, 1-494 at Hwy 100 in Bloomington
- **September, 10-14, 2014**— 21st World Orchid Conference, “Orchids: Gold in the Green Age”, Johannesburg, South Africa
- **March 19-21, 2015**— Spring MAOC, Nashville TN
- **Spring 2016**- MAOC, Cincinnati/Dayton Area