

April-May 2009 **The Orchid Grower**

Orchid Growers' Guild of Madison



NEXT MEETING MAY 17th

"Orchid Wiz Orchid Database Software - It's not just for AOS Judges"

The speaker for the May meeting will be Gary Brendemuehl who will be speaking on Orchid Wiz Orchid Database Software. In the past, OGG used the "Wildcat" computer software for orchid identification. In 2009, the OGG Board decided to switch to Orchid Wiz due the recommendation of the AOS judges. We purchased one copy of the software. It would be possible for a OGG member to purchase their own copy of the software but it would make more sense to purchase it as a group of members for a discount.

Meeting Dates

May 17—Meeting Room
 June TBA
 Field Trip TBA
 September 27—Meeting Room
 October 18—Meeting Room
 December 20—Meeting Room

Meetings start at 1:30 pm unless otherwise noted

Up-coming Events 2009

- October 10-11, Illinois Orchid Society Fall Mini-Show, Glencoe, IL

Gary Brendemuehl has agreed to show us what Orchid Wiz is and how to use this program. You can check out the OrchidWiz web site ahead of time.

SPRING SALE A SUCCESS

The Annual Spring Sale on April 11th at Olbrich was a success. This was due to both the orchids from the Orchids Garden Centre & Nursery and the OGG members who gave of their time. Thank you to Irene Mackie, Lorraine Snyder and Judy Stevenson for arranging and pricing the orchids on Friday. Dawn Weckler, Jeri Gjertson, Sandy Delamater, Steve Thimling, Sue Reed, Judy Stevenson and Irene Mackie were the morning crew.

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Sharon Depinet Rose brought a quilt exhibit to OQ from Rockford Illinois. She is pictured with one of her quilts, "The Deceiver", originally created for the PAQA Challenge at the 62nd Miami International Orchid Show

Officers and Committees

President:

Rich Narf (2010)
znarfi@powercom.net

Vice President:

Jill Hynum (2009)
jhynum@sbcglobal.net

Secretary:

Annette Minter (2009)
Studio725@charter.net

Treasurer:

Irene Mackie (2010)
Irenepeacemaker2004@yahoo.com

Board:

Judy Williamson (2011)
jwilliamson@usgs.gov

Steve Thimling (2010)
orchidbird@charter.net

Audrey Lucier (2009)
audl@aol.com

Away Shows:

Judith Rapacz
jorapacz@facstaff.wisc.edu

Hospitality:

Audrey Lucier

Librarian:

Liz Wood (2008)
ewood@biochem.wisc.edu

Membership:

Board of Directors

Newsletter:

Denise Baylis
jrbaylis@tds.net

Orchid Quest:

Judy Stevenson
judy_stevenson@sbcglobal.net
Judith Rapacz
jorapacz@facstaff.wisc.edu

Programs:

Judy Stevenson

Ribbon Judging:

Lorraine Snyder
Jody Thistle

Web Master:

Gary Brendemuehl
gbrendemuehl@verizon.net

Liaisons:

Alliant: Elaine Malter (2009)
AOS: Jill Hynum (2009)
MAOC: Wayne King, Judith Rapacz
Orchid Digest: Jill Hynum (2009)

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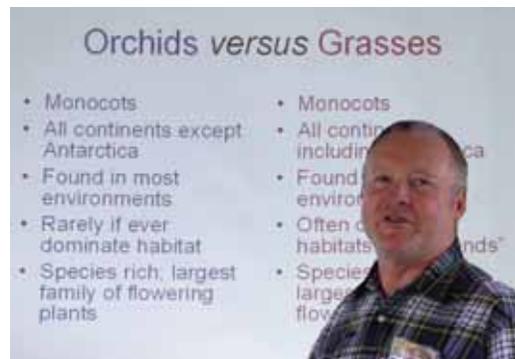
Gary Brendemuehl, Lorraine Snyder, Liz Wood, Jan Runge, Lynn West, and Russ Mackie were the afternoon crew.

We sold 90 orchid plants in just four hours which is fantastic! The profit of \$804 will go toward conservation and other worthwhile projects.

“MONOGAMOUS ORCHIDS AND PROMISCUOUS GRASSES: One Zoologist’s View of Plant Mating Systems”

Jeff Baylis

Two of the four most species-rich families of flowering plants are the orchids and the grasses. Plants, like all sexually reproducing organisms, have ‘mating systems’ whose nature may have an impact on plant population genetics and evolution. The grasses are all wind pollinated, and have a mating system that allows, in principal, every individual to mate with every other individual in the population, including itself. This mating system approaches ‘panmixis’ or random mating, and may be described as promiscuous. Thus, each seed produced by a single grass plant such as corn may have a different male ‘parent’. Orchids on the other hand package all their pollen in discrete packages (pollinia) that are transferred from one flower en masse to another flower via an animal. Thus each of the many seeds in a single orchid seed pod share the same male parent. This mating system may best be described as a form of monogamy, and is decidedly non-random. In consequence, species isolation in the grasses is accomplished by the evolution of genetic barriers to mating. In the orchids, species isolation is accomplished by the evolution of mechanisms of behavioral manipulation of the animal pollinator and mechanical evolution of the flower. Many orchid species are known to be pollinated by only a single insect species, and in most cases a single gender of that species. This results in few genetic barriers to hybridization among orchid species and genera; for example the entire *Cattleya* alliance shares the same chromosome number and may be crossed freely in cultivation. Grasses depend on only wind to transport their pollen. Orchid flowers depend on animals to transport their pollen with great precision, and are clearly selected to outcross. However, seed set in natural orchid populations is quite low, which may be the price of outcrossing. Orchid evolution appears to have been strongly tied to a single family of insects from its earliest origins, the Hymenoptera (ants, bees and wasps). Recent fossil evidence shows that the highly specific association of one orchid and one bee pollinator lineage has persisted for about 20 million years. Orchid speciation is partly driven by coevolution with specific pollinators. Selection for precise pollination, and selection



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Orchid Quest 2009 Redux: Quilts

This year's Orchid Quest exhibited a wide range of exhibits from floral arrangements, fantastic quilts, photographs and artwork. There was so much to enjoy not all of it could be represented in the last newsletter

These quilts were originally designed and quilted for the PAQA Challenge held at the World Orchid Conference and Show and at the Miami International Orchid Show, among others.



"Orchidaceous", Stephanie Nordlin, Poplar Grove, Illinois



"Full Bloom", Linda Sorkin Eisenburg, Chicago, Illinois



"In the Wild", Carol Perkins, Brookfield, Illinois



"Winter Bloom," Pat Kroth, Verona Wisconsin



"Dance of the Fairest" Mary Lischalk, Woodstock, Illinois

Northeast Wisconsin Orchid Show, Neenah

OGG was represented March 12-13 in Neenah. The Hawaiian theme was carried out by the exhibitors with Tiki huts, sand and lots of pineapples and coconuts. The best decorations though were the winning ribbons. OGG won 8 first place ribbons. We also had the Best Dendrobium and Best Phalaenopsis. Chuck Acker entered his own *Paphiopedilum Lowii*, which won Best Paph, Best in Show and qualified for an AOS Award of Merit with 88 points. Two other plants were pulled for AOS judging. Congratulations! —Audrey Lucier



Photograph submitted by Audrey Lucier
Chuck Acker's AOS *Paphiopedilum lowii*

Exhibit Second Place
Set up and Take down: Audrey and Don Lucier

First Place, Best Paphiopedilum, Best of Show, AOS Award of Merit (88pts)

Chuck Acker

Paphiopedilum lowii

First and Best Phalaenopsis

Orchids Garden Centre

Dtps. Chain Xen Pearl 'Ming-Ho' AM/AOS [Pulled for AOS judging]

First Place and Best Dendrobium

Orchids Garden Centre

Den. Love Memory 'Fit' [Pulled for AOS judging]

First Place

Orchids Garden Centre
Orchids Garden Centre
Orchids Garden Centre
Orchids Garden Centre
Gary Brendemuehl

Odcdm. Catatante 'Pacific Sun Spots' [Pulled for AOS judging]
Dial. Snowflake 'Northland'
Blc. Chyong Guu Chaffinch
Pot. Harriet George 'Glendale Heights'
Paphiopedilum Via Oro 'Val' HCC/AOS

Second Place

Audrey Lucier
Gary Brendemuehl

Phalaenopsis 'Happy Girl' (Phal. Happy Holiday x Phal. Rose Girl)
Slc Final Touch 'Lemon Chiffon' AM/AOS

Third Place

Audrey Lucier
Audrey Lucier
Audrey Lucier

Phalaenopsis Shanghai
Phalaenopsis Balysa (Cristalla)
Paphiopedilum Hsinying Agogo (armeniicum 'Nugget' x Hsinying Concon 'Ching Hua')

Orchids Garden Centre
Sue Reed

Paphiopedilum philippinense
Paphiopedilum (Mamie Wilson x lowii 'Dragonfly' AM/AOS)



Photograph by Jill Hynum

“Within the Heart of Every Orchid Hides Its Soul,” Kathy Ainger, Harvard, Illinois

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against selfing appear to have resulted in a low rate of mating but large numbers of seeds per mating. This means that many orchid species may have a very small effective population size; all the plants in a given area may have had few parents, and genetic diversity within a population may be very low. Although they have different mating systems, both orchids and grasses have evolved numerous species; the orchids have done so as a consequence of their mating system, the grasses have done so in spite of their mating system.

Batavia Orchid Show 2009

Exhibit third place

First Place

Sue Reed

Second Place

Chuck Acker
Orchids Garden Centre
Sue Reed

Sandy Delamater
Sandy Delamater
Sandy Delamater
Sandy Delamater
Wayne King

Third Place

Orchids Garden Centre
Sue Reed
Jeff Baylis
Sandy Delamater

Paphiopedilum charlesworthii

Phragmipedium besseae

Paphiopedilum Michael Koopowitz

Paphiopedilum Estella (*fairrieatum* x *godefroyae* var. *leucochilum* 'Cabernet Splash') (**Best of Class**)

Brassavola Little Stars (*B. nodosa* x *subulifolia*)

Paphiopedilum Henrietta Fujiwara (*primulinum alba* x *haynaldianum*)

Cattleya Chicago Today

Onc. Butterfly (*papilio* x *sanderae*)

Lc Gold Digger 'Orchidglade'

Cym. Evening Star 'Pinkie'

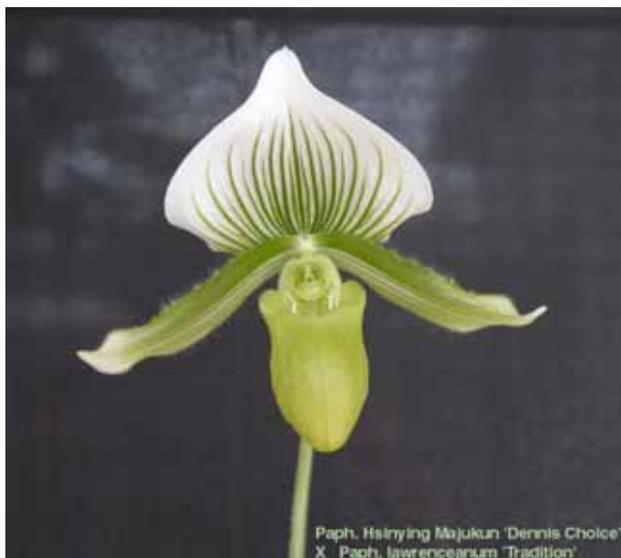
Dendrobium Green Mist (*johnsoniae* x *convolutum*)

Paphiopedilum Supersuk 'Eureka x Raisin Pie 'Hsinying'

Paphiopedilum moquetteanum (sp.)



Photograph by Walt Stevenson
Chuck Acker's *Phragmipedium besseae*



Judith Rapacz submitted these photographs. Phal. Taisuko Fox (First blooming seedling - received from the MAOC in Kansas City), Paph. Hsinying Majukun 'Dennis Choice' x *Paph. lawrenceanum* 'Tradition' and Slc. Jewel Box 'Dark Waters' HCC/AOS. She could not get the last one to bloom in the pot. Now it is growing on a grapefruit tree and has bloomed twice.

OGG RIBBON JUDGING MARCH

First Place

Nicole Amass
Lorraine Snyder
Judy Stevenson
Lynn West

Phragmipedium 'Jason Fischer'
Phragmipedium delenatii 'Semi' x Paph
Phalaenopsis 'Firebird'
Maxillaria tenuifolia

Second Place

Lynn West
Steve Thimling
Steve Thimling
Steve Thimling
Steve Thimling

Vandofinetia Blaupunkt
Phragmipedium Eric Young
Phragmipedium Andean Fire
Phalaenopsis CT730
Masdevallia kuhnorum

Third Place

Lynn West

Cymbidium Leodogran 'Snowy'



Pine Glow 'CH #1'

OGG RIBBON JUDGING APRIL

First Place

Sandy Delamater
Sandy Delamater
Heidi Whetmore
Sue Reed
Jeff Baylis
Sandy Delamater
Jeff Baylis
Sandy Delamater

Bc Bill Worsley (*B nodosa* x *B aurantiaca*)
Slc Jewel Box
Cochleanthes amazonica
Phalaenopsis insiptio sinensis (sp)
Dendrobium harveyanum
Paphiopedilum villosum (sp)
Paphiopedilum sukhakulii (sp)
Vanda Robert's Delight 'Black'

Second Place

Sue Reed
Sue Reed
Sandy Delamater
Sandy Delamater
Sandy Delamater
Sandy Delamater

Phalaenopsis amboinensis (sp)
Dtps Leopard Prince
Maxillaria tenuifolia (sp)
Paphiopedilum hirsutissimum (sp)
Cym Devon Gala 'New Horizon'
Onc Butterfly (Papilio x sanderae)

Third Place

Don Fago
Sandy Delamater
Lorraine Snyder

Encyclia oncioides
Paphiopedilum moquetteanum (sp)
Paphiopedilum Greensleeves x Acker's Peak x Acker's Peak

Maxillaria tenuifolia (sp)



Slc Jewel Box



Cymbidium Devon Gala 'New Horizon'



Vanda Robert's Delight 'Black'

All plants pictured grown by Sandy Delamater



TENNESSEE CAPITAL ORCHID SHOW AND 50TH ANNIVERSARY MID-AMERICA ORCHID CONGRESS

Dear Orchid Friends,

The Orchid Society of Middle Tennessee would like to invite you to participate in our fall 2009 50th Anniversary Mid-America Orchid Congress show and sale. The show will be held at the Franklin Marriott Cool Springs in Franklin, TN on October 30 – November 1, 2009. The Franklin Marriott has provided us with a special room rate of \$119.00 per night. Hotel reservations can be made by calling 1-888-403-6772. Be sure to mention the MAOC when calling to insure you receive our discounted room rate.

We are very excited to be hosting this 50th Anniversary event, and look forward sharing the experience with all our fellow orchid enthusiasts.

— Steve Burger

Illinois Orchid Society Show

SET-UP: Denise Baylis, Lorraine Snyder and Judy Stevenson

Exhibit First Place

First/Best of Class/AOS award

Chuck Acker

First Best of Class

Chuck Acker

First Best of Class

Orchids Garden Centre

First Place

Orchids Garden Centre

Orchids Garden Centre

Wayne King

Second Place

Sue Reed

Sandy Delamater

Third Place

Sue Reed

Gary Brendemuehl

Sandy Delamater

Phragmipedium 'Alfredo Manrique'

Paphiopedilum lowii 'Waunakee Warrior' AM/AOS

Dial. Snowflake 'Northland'

Den. Love Memory 'Fit'

Odcdm. Catatante 'Pacific Sunspots'

Paphiopedilum Dollgoldi

Paphiopedilum Ho Chi Minh (delenatii x vietnamense)

Paphiopedilum Henrietta Fujiwara (primulinum alba x haynaldianum)

Den. Roy Tokunaga (*atrioviolaceum x johnsoniae*)

Paphiopedilum Via Oro 'Val' HCC/AOS

Lycaste cruenta (sp)

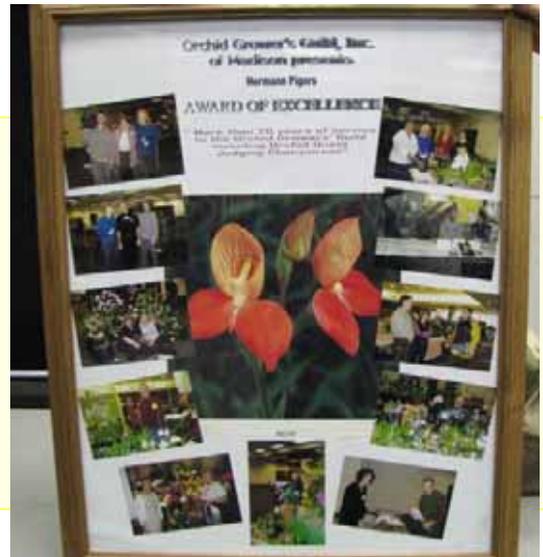


Photograph by Judy Stevenson

Paphiopedilum Dollgoldi grown by Wayne King

A big **thank you** to Hermann Pigors for all of his help as head judge at Orchid Quest from OGG

Photograph by Sue Reed



MAOC CORNER (Spring 2009)

The spring Mid-America Orchid Congress (MAOC) was held in Columbus, Ohio, March 25-27. It was sponsored by the Central Ohio Orchid Society (COOS) and celebrated the 50th anniversary of both the MAOC and the CIOS.

I attended on behalf of the Orchid Growers' Guild. There were about 80 registrants for this event. Table charges for vendors were \$250 (normal charge for a regular COOS show was \$150 per table). Vendors were provided with an inducement to stay at the show hotel (Marriott- Airport) by a credit of \$75 toward their table charge.

The Marriott was a beautiful setting for the show but a bit challenging for attendees and judges alike since displays were spread over several rooms, plus the atrium, and a hallway. It was not only challenging to find all of the beautiful displays but I found myself constantly asking one person or another where a particular meeting was being held. I'm much appreciative of the time Tom Franczyk, show chair, took to answer my many questions about the show. Thank you Tom.

The lectures, held on Saturday afternoon, were too technical for my taste, covered too much ground in too short of a period, and often contained slides that had too much information with print that was often too small to read. My own taste preferences were for the programs presented at Mason, Ohio last fall. Those programs were interactive, held my attention, and had a lot less technical detail.

The Sunday morning Affiliated Societies Breakfast gave me an opportunity to discuss the Guild's interest in a future Mid-America Orchid Congress with Mark van der Woerd, president of MAOC. Mark emphasized that the sponsoring society need not have international speakers. He side stepped my questions on MAOC funding of speakers. This was taken up at the following MAOC Business meeting where a resolution providing a speaker's grant to sponsoring societies was discussed and passed. (the exact wording should be available in the future minutes of this meeting) The MAOC funding for this resolution would not need to be repaid by the sponsoring society.

Hermann and Dorothy Pigors were present for the weekend and Hermann's retirement from the judging program was acknowledged. He will be heading up the Schedule Committee which gathers information on use and revision of the plant registration schedule.

My counts of participation at the lectures, Breakfast, and Business meeting suggested that about half of the registrants were present at each. The auction produced about \$2,700 for use in funding future MAOC activities.

The MAOC is actively seeking sponsorship for future meetings and has had at least one expression of interest for a 2011 MAOC. This suggests that OGG is going to have to make a commitment for a specific date and/or wait for an open date since we have only one date a year that we can offer.

Committee reports will appear on the MAOC website (<http://www.midamericanorchids.org/>)

—Wayne King