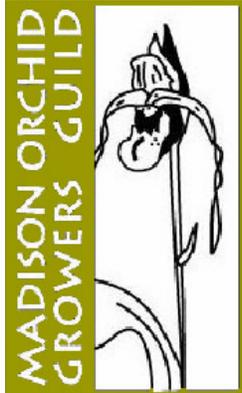


May
2012

The Orchid Grower



Orchid Growers' Guild of Madison
Website orchidguild.org

NEXT MEETING, May 20

The next OGG meeting will be at 1:30 PM in the Meeting room of Olbrich Botanical Gardens. Giovanni Giraldo will speak about "The Orchids of Santa María (Boyacá, Colombia)."

SPRING ORCHID SALE A SUCCESS

The OGG annual spring orchid sale at Olbrich Gardens was a success. It has been traditionally held on the day before Easter along with the Olbrich pansy sale. The date for these sales was changed to the first Saturday in April which happened to fall on the day before Easter this year.

Orchids Garden Centre & Nursery supplied 100 blooming orchid plants, humidity trays, saucers and bark for the sale. Lorraine Snyder (who took the lead in this year), Denise Baylis and Sandy Delamater, along with Bob and Lucy Lasseter, set-up the plants Friday morning and determined retail prices.



Photograph by Jill Hynum

Meeting Dates

- May 20– Meeting Room
- May 27– Field Trip to Kettle Moraine
- June Picnic– TBA

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

Up-Coming Events:

- May 19-23 — Native Orchid Conference
- September 11-16 — Australian Orchid Conference
- September 21-23 — Chicago-land Orchid Festival
- October 13-14 — IOS mini-Show
- October 26-28 — MAOC

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For sale day, more volunteered their services including Terri Joswiak, Liz Barlow, Steve Thimling, Judy Stevenson, Liz Wood, Sue Reed and Lynn West. Most of the orchid plants were sold, and after deducting costs, OGG made \$908.50.

Irene Mackie (2012)
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AOS: Jill Hynum
MAOC: Wayne King, Judith Rapacz
Orchid Digest: Jill Hynum

John King, Long-Time OGG Member Passes

John King unexpectedly died April 11, 2012 at Agrace Hospice Care Center in Fitchburg. He was 80 years of age. He and his wife Arlene joined OGG in 1987 and were very active in the Guild, especially during its formative years. Both John and Arlene played key roles in the 90's in what has become known as Orchid Quest. John served on the Board of Directors in 1989, while Arlene served as President in 1992-93. Arlene was Newsletter editor from 1998-2002.



John and Arlene were inseparable. Throughout their membership they played key roles in Away Shows, Orchid Quest, Corsage-making and sales as an OGG fundraiser (before being replaced by the current plant sales at Olbrich) and many other activities. Their son, Jerry, was also active with OGG during these years. They were also members of the Wisconsin Orchid Society (WOS) and the American Orchid Society and, with their son Jerry, had their own orchid business, Cross Country Orchids. Many of the newer members did not have the special opportunity to get to know John and Arlene because the Kings gradually phased out their orchid growing activities in recent years and took a well-deserved rest.

Lorraine and I got to know John and Arlene through our several mutual orchid collecting forays in the south of Florida, as well as one trip to California and our joint activities with OGG and WOS. John, with his sense of humor, will be greatly missed.

— Wayne King

Up-Coming Events

- **May 19-23** — Native Orchid Conference Annual Meeting, University of North Carolina, Wilmington, NC
- **September, 11-16, 2012** *Australian Orchid Conference 2012, Kings Park, Perth, Western Australia.
Contact: For Information visit website or aocconference@dodo.com.au.
- **September 21-23** — 20th Anniversary Chicagoland Orchid Festival, www.chicagolandorchidfest.com
- **October 13-14**— Illinois Orchid Society Fall Mini-Show, Glencoe, IL
- **October 26-28**— MAOC in conjunction with Orchid Society of Greater Kansas City, Independence, MO

IOS Ribbon Judging for OGG

First Place

Scott Weber	<i>Dactylorhiza maculata</i>
Lorraine Snyder	Phalaenopsis Momento (unknown cross)
Orchids Garden Centre	L. purpurata var Carnea 'Ruby'
Orchids Garden Centre	Onc. Speckled Spire 'Snowflake' (Onc. Rex Van Delden x Onc. trilobum)
Orchids Garden Centre	Dtps. Mount Lip (Phal. South Cha-Li x Dtps. Mount Beauty)

Second Place

Judy Stevenson	Dialaelia Snowflake 'Northland' (Diacm. Bicornutum x L. al bida)
Sandy Delamater	Zygolum (Zglm.) Rhein Harlequin (Zygolum Louisendorf x Zygopetalum Artur Elle)
Sandy Delamater	<i>Pleurothallis grobyi</i>
Susan Reed	Lycaste Pixie (Lycaste campbellii x Lycaste cochleata)
Chuck Acker	Phragmepedium Bel Royal (Phrag. Memoria Dick Clements x Phrag. Sorcerer's Apprentice)

Third Place

Judy Stevenson	Doritaeopsis Sinica Cherry "MP0670" (Doritaeopsis Purple Gem x Doritaeopsis Taisuco Firebird)
Sandy Delamater	Phal. Brother Pico Bahama (Phal. Brother Passat x Phal. Timothy Christopher)
Wayne King	Bc Inbooriboon (B. nodosa x C. Jose Marti)
Orchids Garden Centre	Phal (Phal. Brother Lawrence x Phal. Chih Shaing Stripe)



On the left is Scott Weber's *Dactylorhiza maculata* [European spotted marsh orchid]; on the right is a *Phragmepedium caudatum*, shown by Joe and Rosalie Dixler which won Best of Class

Some of my favorites from the IOS Show



Dtps. K V Charmer, from Orchids by Hausermann



Paph. Thomas Fourman, from Greger Larsson and Alex Manuel



Paph. Micranthum, from Greger Larsson and Alex Manuel



Pelexia olivacea 'Adante,' from Rosalie Dixler

... more favorites from the IOS Show



Photographs by Denise Baylis

Clockwise from top left: Lc Ken Stromsland 'Eric', from Orchids by Hausermann; Bulbophyllum, from Ann Pupalowski and Victor Pentini; *Lycaste brevispatha*, from New Vision Orchids; Ctt. Confetti, from Batavia Orchid Society; *Paph maudiae* "The Queen," from Greger Larsson and Alex Manuel; and *Cattleya nobilior*, from WOS

APRIL 2012 OGG RIBBON JUDGING

First Place

Sandy Delamater
Sandy Delamater
Sandy Delamater
Sandy Delamater
Terri Jozwiak
Irene Mackie
besseae)
Irene Mackie
Irene Mackie
Lorraine Snyder

Pleurothallis grobyi
Dendrobium Nora Tokunaga (atroviolaceum x rhodostictum)
Epicattleya Rene Marques Tyler
Doritaenopsis Sogo Gotris 'Flora Ark' (Phal. Be Tris x Dpts. Sogo Manager)
Iwanagara Apple Blossom 'Fantastic' (Dialaelia Snowflake x Blc. Orange Nugget)
Phrag Jason Fischer 4N (Phrag. Memoria Dick Clements x Phrag.

Paph Supersuk 'Eureka' x Raisin Pie 'Hsinying' x sib
Phal unknown
Phalaenopsis Sinica Cherry

Second Place

Jeff Baylis
Terri Jozwiak
Terri Jozwiak
Meg McLaughlin
Meg McLaughlin
Sue Reed
Lorraine Snyder
Melissa Williams
Sandy Delamater
Sandy Delamater

Cymbidium Alexanderi
Wilsonara Pacific Stars 'Fire Delight'
Dend Stephen Batchelor (alexandrae x johnsoniae)
Phal. (Rose Tris x Brother Passat)
Phalaenopsis Malibu Bistro 'Floriculture' (Prince Puck x Kathleen Ai)
Aerangis fastuosa
Phrag Eric Young (besseae x longifolium)
Cattleya intermedia coerulea ('Do Jaques' x 'Graffiti')
Phalaenopsis hybrid
Gongora pleiochroma

Third Place

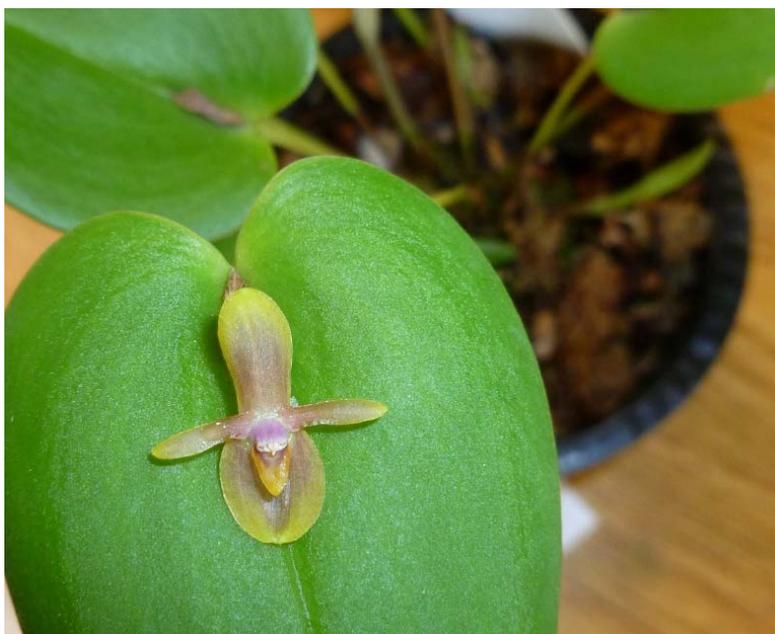
Jill Hynum
Terri Jozwiak
Richard Mueller)
Sue Reed
Sandy Delamater
Sandy Delamater
Sandy Delamater
Jill Hynum

Phalaenopsis Cat's Paw Firebird 'Montclair' (Golden Sun x Lee Koi Choon)
Brassocattleya Hoku Gem 'Sunspots' (Cattleya Tangerine Jewel x Brassocattleya

Coelogyne ochracea
Pleurothallis 'yellow and orange' sp
Dtps. Long Pride Black Pearl
Cattleya Chicago Today (Carl Hausermann x Elizabeth Carlson)
Doritaenopsis Minho Princess (Dpts. Sun Prince x Phal. Ta Lin Freed's)



Aerangis fastuosa shown by Sue Reed



Pleurothallis 'yellow and orange' grown by Sandy Delamater

John Wirth, April Speaker

At the April meeting, John Wirth, curator at Olbrich Botanical Gardens, presentation was "On the Quest for diversity of orchids for Olbrich's Conservatory". He showed slides and spoke about some of the plant-collecting trips he has taken over the years to look for botanical examples for the Olbrich herbarium.

He has as been on collecting expeditions to Belize, Ecuador, Colombia and Peru. The topographies of these countries encompass a large range in elevation resulting in a diversity of habitats which contribute to a diversity of plants. He tried to collect specimens at elevations below 5000 feet for a greater likelihood of their survival in the herbarium.



Photograph by Jill Hynum
John Wirth, curator at Olbrich
Botanical Gardens

He often receives assistance from local organizations to locate specimens and help with other logistics and locals are hired to assist in the collection of specimens. When likely specimens are located the site is tagged with the altitude and location via global positioning devices. Areas of these countries are being clear-cut of trees in preparation for cultivation. The downed trees are allowed to dry before they are burned. An efficient way to collect plants is to rescue them before the trees are burned. Other plants are purchased from growers rather than collecting them directly from the wild.

Some of the plants collected remain in-country to be propagated there. Others are prepared for shipment to the United States by washing all of the soil off the roots and packing them in newspaper. Then they are shipped home accompanied by all the appropriate legal paperwork. The shipment is then inspected at the port of entry by U.S. Customs and only admitted if the plants are disease and parasite free, and properly identified.

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Report from the 20th World Orchid Congress, Singapore (Part IV)

By Peter Tobias

Nov 16, 2011

Today was the final day of the meeting. It started out with a talk on phalaenopsis breeding that I went to because it was the only talk of the morning. It was actually more interesting than I thought it would be, because the speaker, Wen Huei Chen of the National Cheng King University in Taiwan, has done quite a lot of work using molecular biology to understand phal breeding. Since I don't keep up with this field, I don't know how new it is, but his Orchid Research Center is making transgenic plants that show resistance to virus and bacterial pathogens. The molecular biology and pathogen testing can be done on very young plants, and the survivors can then be grown to maturity for breeding of resistant strains.

I'll fill you in on the two talks that were of most interest to me from the standpoint of conservation. Taiwan is an island, like many others, that has too many people, and the orchids are disappearing where the population is growing, reducing forest to agriculture and development, and where some orchids are used for medicine. Nothing new there. However, Rebecca Shu, an ecologist at the Taiwan Forest Research Institute, has begun to use geographic information software to model the distribution patterns for the rare orchids and strategize about protection.

(Continued from page 7)

Twenty four rare species, including 11 endemic species, were selected for modeling. Using species locality information and 26 environmental variables, the potential distribution of each species was mapped after correlating the known locations with the environmental variables. These 24 maps were then combined to create a species richness map for the entire island. The resulting map shows that many richness hotspots fall outside protected areas. Now it will be necessary to go to the hotspots, see what is actually there and see what can be done to protect the orchids if they still exist. In the western part of Taiwan, the geography is flat and largely used for agriculture. Thus it is doubtful that many of the projected hotspots in the western part of the island have much left. The eastern part of the island is very rugged mountains, and it is more likely that the potential hotspots will be found to have orchids. This project was particularly interesting to me, because Joe Meisel of the Ceiba Foundation for Tropical Conservation is working on a very similar approach to mapping potential orchid hotspots in Ecuador with financial support from the OCA – which means you members.

The other talk of particular interest was an update from Phil Seaton of Kew Gardens in the UK on the Orchid Seed Store for Sustainable use, OSSSU (www.ossu.org). In 2006 he and Hugh Pritchard received a grant from the Darwin Initiative to establish a series of orchid seedbanks. The plan is not just to store seed but to store it, at least, under a standard set of conditions and monitor the viability of the seed from storage on. 26 sites around the globe are now storing seed of about 500 species and generating lots of viability data. The plan is that seed will be available for plant regeneration in the future when reintroduction is attempted. I can come up with all sorts of caveats about the actual utility of seed banking orchids, but there is no doubt that Phil and his colleagues have done a wonderful job of teaching people how to store seed and how to grow plants from the stored seed. Once trained they will doubtless come up with some novel uses for the seed.

The last talk of the day was by Phillip Cribb. Cribb retired as Curator of the Orchid Herbarium at Kew Gardens, UK, in 2006 after 32 years on the job. He has published many orchid books and over 370 research papers on orchids. He is also very interested in the art of orchid and botanical illustration, and that was the topic of his talk. Cribb is the model intelligent, urbane, well-educated, British gentleman. I have known him from various orchid functions over quite a few years. If you ever get a chance to hear him talk, take it. I was going to say that he has forgotten more about orchids than I am likely ever to know, but in actuality I don't think he has ever forgotten anything about orchids. As you might guess, Kew Gardens has an excellent collection of botanical illustrations, and Cribb has studied it at length. In fact, Kew has an excellent collection of everything. For example, they have Captain Bligh's botanical notes and his herbarium sheets – you can go there and see them. And it was through Kew that rubber seeds were smuggled out of Peru and sent to southeast Asia to break the Peruvian rubber monopoly. I have no doubt that they have some of the original seed rolling around in a desk drawer somewhere. Anyway, Phillip Cribb covered botanical illustration from the *Codex Vindabonensis* published in 512 AD to relatively modern times and showed how it enables plant identification, solves mysteries of plant taxonomy, enables knowledge of plant habitat and ecology, informs horticulture, provides a history of botany from ancient times to the present, and is just fun to look at. It was a wonderful talk. With any luck it will be published somewhere so that you don't have to take my word for it.....

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