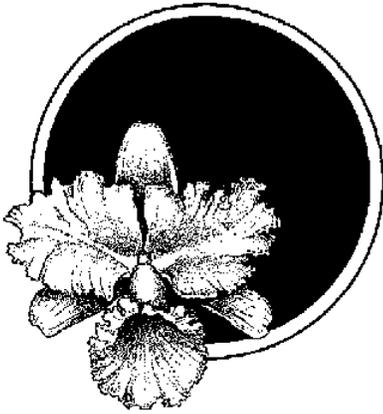


ANN ARBOR ORCHID SOCIETY

November 2005

Volume 13, Issue 6



AAOS NEWS

November 13 Meeting

Our speaker is William Goldner of Woodstream Orchids in Maryland. He will be speaking on the Native Orchids of Panama, one of the world's richest places of orchid species. If you would like to pre-order plants, please visit his web-site at <www.woodstreamorchids.com>

Woodstream is the exclusive partner of the wonderful species and unique hybrids produced and grown by Maduro's Tropical Flowers (MTF). MTF is one of the hemisphere's largest species-oriented nurseries, propagating Central and South American species for over 30 years.

Setup for the meeting is at 1:30, with the business meeting at 2 pm, followed by the feature program.

Please bring a few, choice blooming orchids for the show and tell table. Also, please bring any divisions or unwanted plants for our raffle table. You can also sell off your extra plants at our silent auction. If your plant is bid on, you will get the opening price, less \$2. Once the silent auction is over, please allow the auctioneers time to sort the plants.

Inside this issue:

October Meeting 2

Treasurer's Message 3
Calendar & Notes

My Growing Space 4



Left to Right
Mormodes dressleri
Sobralia maduroi
Stanhopea wardii

October Meeting Notes

Denise Nash & Alex Challis

Sam Tsui's talk on multifloral Paphiopedilums began with a discussion about the multifloral species, and their roles in hybridizing. Paphiopedilum rothchildianum is the King of Paphiopedilums, and P. sanderianum is the Queen. P. rothchildianum has large, dark striped flowers and produces 4 to 6 flowers per inflorescence, while P. sanderianum has very long petals, as long as 3 feet, and it is used to create long petals on its offspring.

Paphiopedilum lowii has pink to purple color in the petals and a 3 to 4 foot inflorescence. P. adductum has good color and is very tall. P. philippinense holds its petals at a 45 degree angle, and has a compact inflorescence, and the variety roebelini holds its petals downward with twisting. P. stonoi is an awesome Paph - it gets very tall, and its flowers are white with dark stripes. An album variety of P. stonoi recently sold in Japan for \$35,000! P. haynaldianum is a very strong growing plant.

Paphiopedilum kolopakingii has as many as 15 flowers on a 5 foot spike! The variety topperi has lighter color with a green ovary and spike. P. parishii has more of the green color with good flower count and arrangement. The variety dianthum has good color, but fewer flowers than parishii. P. randsii was mentioned. There is also a new species, P. pachypetalum, which could possibly be a natural hybrid of stonoi and kolopakingii.

Paphiopedilum gigantifolium, P. sanderianum, and P. topperi these are the three that have a white ovary.

Sam continued on to state that there are Four basic types of Paphiopedilums:

Multiflorals, (listed above), and have 2 to 15 flowers. These are green strap-leaf plants from equatorial regions in Indonesia the Philippines, Malaysia and Borneo. These plants enjoy temperatures between 80 and 95 degrees - they love warmth and humidity. In cultivation, they should be grown Intermediate to Warm, with more fertilizer and with medium to high light. They take from 5 to 6 years from the flask to bloom!

Marbled or Mottled leaved Paphiopedilums, such as P. callosum, only require low to medium light and accept a wide range of conditions.

Brachypetalums, which are native growers in Thailand and Vietnam, like intermediate to warm temperatures. These plants have thicker leaves so they can accept drier conditions with less water and more air.

Chinese Paphiopedilums (Parvisepalum group) are found further north and at high elevations. They have leathery leaves, and can tolerate temperatures as low as 35 degrees.

To grow Paphiopedilums indoors, an east or west window is best, although a south window with shading also works well. Fluorescent lights are good for Brachypetalums or the Parvisepalum Chinese types, with 300 foot-candles being sufficient lighting. For seedlings, Metal Halide lights providing 400-700 foot-candles works well, and for the multiflorals, 400 - 1000 foot-candles under sodium lights are the best conditions.

To grow Paphiopedilums in a greenhouse, 500-1500 foot-candles is best, with 20-30% shade in winter, and 80% in summer.

Yellow leaves on the multiflorals is a sign of either too much light, or not enough fertilizer. Watering should occur in the morning, and plants should be moist but not too soggy after watering. Rain water is best, but tap water is fine as long as it isn't too high in salts. Distilled or reverse osmosis water should have a little tap water added back in for micronutrients. Water Paphiopedilums less in winter and during colder periods, if in doubt, wait to water.

To fertilize, use 30-10-10 in spring and summer, 20-20-20 in fall and winter, with 10-50-10 before and during flowering, at a quarter strength every week or so. Use 100-150 ppm nitrogen in spring and summer, with one out of every 4 waterings using 20-20-20 or 10-50-10. Once a month use plain water heavily to flush the pots of salts from the fertilizer. If the leaf tips get brown, the salts are too high.

When repotting, use coarse potting mix for larger pots, and finer for small. Sam's favorite mix is:

4 parts bark or coconut chips
1 part perlite or sponge rock
1/2 part charcoal (#3 or #4)
Then, to every 10 gallons of mix:
add 1/4 cup dolomite lime and
1/4 cup sand

Sam recommends wetting this mix overnight with a teaspoon of Physan or bleach dissolved in 1 gallon of water, which helps to cure the bark.

Most Paphiopedilums need repotting every 12 - 18 months. Don't over-pot them!

Sam is using a new mix for his multiflorals, involving dolomite chips and chunky peat or other organic component. He is slightly over-potting them. This is good for the multiflorals since the mix will last from 3-4 years and as the organic part decomposes, the roots will take its space. For mature plants, the entire plant can be potted into just the stones which allow for less disturbance to the roots.

Orchid Events

- **November 13** - AAOS Meeting - Bill Goldner, Orchids of Panama
- **November 19** - Great Lakes AOS Judging - 1pm MBG Room 125
- **November 26-27** - Saginaw Valley Orchid Society Show
- **December 11** - AAOS Holiday Party 1 pm Paige Hartman's Home
- **December 17** - Great Lakes Judging Center Open House - Holiday Bazaar

The AAOS Conservation Committee will be meeting at 1 pm at Matthaei, just before our regular meeting. Please attend if you like!

President's Message

Gregory Button

This issue of the newsletter is a first for the Ann Arbor Orchid Society. After experimenting with the format last month, this month's newsletter marks the first time most members will be receiving this newsletter by email rather than snail mail. We are grateful to both Alex and Vivian for this transformation. Not only does this format save us money but, it also allows us to use color photos and download the newsletter directly to our website. If you have not received this edition by email and would like to do so please inform Kevin. And by all means please consider writing an article for the next edition.

This month we continue with another new feature. Last month we profiled AAOS member Denise Nash and the orchids she grows in her new greenhouse in Northville. In the coming months we will continue to profile members and their growing conditions. Hopefully, by the New Year we will profile Paige Hartman's new greenhouse. In this issue there appears a photograph of the ongoing construction of Paige's greenhouse. She reports the glass is already been installed. At the pace at which it is being constructed we will all get a chance to inspect it by the time she hosts our annual Christmas party. On the other hand, by the time the 2006 Grand Rapids Orchid show is over, Paige may need an addition to her new facility.

Please consider volunteering to help set up or take down the Thanksgiving weekend orchid show and loaning plants for our display. I hear Denise has a new design idea that involves ironing boards, hmm. I guess we will just have and see.

Gregory Button

Membership Report

Greetings

Eighty-two out of 114 members have renewed. This is great! Please renew if you have not. I am happy to see people who we have not seen in a few years renew. If you have not renewed by October 31, 2005, you will not be in the upcoming membership roster.

Membership Rosters

On that note, rosters will be available at the next general meeting in November. If you will not be attending this meeting, I will be sending your rosters. Please expect to see yours in the mail by the end of November.

AAOS Newsletter via email

One more thing, I am updating the database that I use to track society memberships to include the email option. Please let me know if you would like to receive the newsletter via email only. I need this information by the end of this month. Please use the contact information below.

Please let me know if you have any questions. You can contact me at (248) 761-1272 or email me at kahless66@yahoo.com.

See you at the next meeting.
Kevin Griffin
Membership Chair,
Ann Arbor Orchid Society

Holiday Party

Come see the new greenhouse and celebrate the season at this year's annual holiday party at Paige Hartman's home Sunday, December 11, 2005, 1:00 pm to 5:00 pm. This is a potluck party, so please bring a dish to pass to serve 10. Paige will be providing drinks. We would appreciate those of you who can walk to please park along Pine Cross Lane and walk up the driveway. There is limited parking near the house and that should be saved for those who need assistance. Please bring one or two plants for show and tell, and there will be a free raffle for plants that are donated.

Directions to Paige's:

I live west of Ann Arbor. Take the Baker Rd exit (Dexter exit) off I-94. Turn south. Pass McDonalds and turn right (west) at the light at Jackson Rd. Continue about 1 mi to Parker Rd. and at the light turn left (south). Continue about 3/4 mile and turn left on Pine Cross Lane. Our driveway is where all the beautiful spruce trees are, 8260 Pine Cross Lane.

Or, take Scio Church Road and turn right onto Parker at the flashing 4-way light.

This is such a happy time of the year, we hope many AAOS members will be able to join us and enjoy the company.

Paige Hartman

My Growing Area

Kevin Griffin

Many of you know that I grow my orchids mainly under lights from early Fall to late spring. I have three growing areas in my two-bedroom apartment. The second bedroom is the primary locations for the majority of my orchids. As you can see in the following picture that I have two 250 watt High Intensity Discharge lamps under which my orchids grow. You can also see that the light stand is custom made. My good friend Brian and I built this stand two years ago. I had the plan on paper that summer.



I don't want to go into a lot of detail about the light stand. I will describe the basics so that you can get an idea.

The light stand has a pretty basic design. It is difficult to tell from the picture, though. There is the base which has a bottom. I have double-lined the bottom with 8 mil clear plastic. I have two metal gratings that support most of the plants. The base is supported by four legs, but it also has to support the two lamps and some hanging orchids. The stand has a back wall attached to the base, which is also lined so that water flows to the base. The back wall has reflective mylar and chicken wire is stapled to the wall. I can hang quite a few orchids on the back wall. The stand allows me to water without having to move all of these plants. On this stand I grow cattleya, oncidium alliance orchids. I also grow quite a few phragmipedium there, too. I do have about five Paphiopedilum growing



Lc Mini Purple

on the windowsill to the left of this stand. I have to admit that the other two growing areas are not as complex as this one.

In the living room I have two growing areas. I have an orchidarium and a location right next to the wall window with a 300 watt Wonder Light above it. (I have to admit that the light burnt out after four months of use for 12 hours per day. It should last longer, but I will deal with that issue soon.)



In front of the wall window, there are currently some Phrags,



some bulbos, paphs, and other orchids. Going against what I promised myself before moving to Plymouth, I am planning on grow a few plants in my bedroom, mainly composts.

Due to my limited space, I cannot go on the wild orchid orgy spending spree that others in the society enjoy. They know who they are. Well, I will just call them "Thelma and Louise". So, whenever I buy a new plant. Depending on the size, I have to give away one or a few. In addition, orchids do grow and that also means that I have to divide and/or give away other plants. Ergo, expect to see a plant or two on the silent auction or raffle table.

Happy growing!!! I am and will be.

Saginaw Valley Orchid Show

The Saginaw Valley Orchid Society show in Midland is coming up soon! Why fight the mall crowds that weekend? Help us with the set up and tear down of the AAOS display! The set up is November 25, starting at 1:00 p.m., and tear down is November 27 at 5:00 p.m. The show is held at Northwood Institute, a lovely venue for a great show. If AAOS members want to have their flowering plants in the orchid show, the plants may be dropped off with a member of the 'set up team' and then picked up from a member of the 'tear down team' at the end of the show, along with any ribbons you may have won. If AAOS members would like to help set up or tear down the display, you are more than welcome to come

along and help! We have a lot of fun working on show displays in between the times we stop to shop for plants!

We are going to try this show without a reg tag party since it's Thanksgiving time. If you have plants you'd like in the show please call Paige, 734-426-2704 or Denise, 248-349-5482 to arrange dropping off your plants; unless you can bring them to Saginaw by 1:00 on the 25th. It would also help a LOT if you could email your plant's name to Paige and Harry prior to the show. GEHartman1@msn.com <mailto:GEHartman1@msn.com> and harwin@umich.edu <mailto:harwin@umich.edu>.

Judging Center Holiday Open House & Holiday Bazaar

Saturday, December 17
11 am, Room 125
Matthaei Gardens

Holiday Decorations

Desserts

Orchid Plants & Other Items

The Ann Arbor Judging Center will be hosting its annual Open House & Holiday Bizarre. There will be assorted goodies to eat & drink. A special live auction of holiday items will start around 11 am. You are also invited to observe AOS orchid judging starting at 1 pm.

Newsletter of the Ann Arbor Orchid Society

The AAOS meets monthly from September through May (excluding December) at the University of Michigan's Matthaei Botanical Gardens, 1800 North Dixboro Road, Ann Arbor, MI.

The AAOS Newsletter is published 8-9 times throughout the year, and is sent to all AAOS members. AAOS members and others are invited to submit articles or other information relating to orchids.

The Ann Arbor Orchid Society is a 501(C)(3) educational and scientific organization, affiliated with the American Orchid Society, the Mid-America Orchid Congress, and with the Orchid Digest Corporation.

Ann Arbor Orchid Society 2004-5 Officers

President - Greg Button	663-5576, gvbutton@earthlink.net
Vice President - Kevin Griffin	248-761-1272, kahless66@yahoo.com
Treasurer - Harry Winter	761-5859, harwin@umich.edu
Secretary - Denise Nash	248-231-2225, djnash@comcast.net
Director - Alex Challis	971-6186, IcePengwyn@aol.com
Director - Ann Bommarito	487-9573, EvilAnn929@aol.com
Past President - Paige Hartman	426-2704, gehartman@msn.com
Hospitality - Don Meyer	665-6427, mlmeyer@worldnet.att.net
Jenny Bodensteiner	jbstitcher@ameritech.net
Library - Duane Duman, George Parks	duman2@aol.com
Membership - Kevin Griffin	
Newsletter Editor - Alex Challis	AnnArborOS@aol.com
Orchid Festival - Ann Bommarito & Kevin Griffin	
Orchid Shows - Dottie Winter, Paige Hartman, Denise Nash	
Programs - Alex Challis, Paige Hartman	
Publicity -	

2005 - 2006 AAOS Meetings

September 25 - Tom Nassar, Carolina Orchids, Angraecums & Bulbophyllums

October 16 - Sam Tsui, Orchid Inn, Multifloral Paphiopedilums

November 13 - William Goldner, Woodstream Orchids, Orchids of Panama

December 11 - Holiday Party - Paige Hartman's House

January 8 - Workshops & Demos - Repotting, Pest Control, Etc.

February 12 - TBA

March 17-19 - 11th Ann Arbor Orchid Festival

April 23 - TBA

May 20-21 - Speaker in conjunction with Great Lakes Judging Center -
Paphiopedilums & Phragmipediums.

AAOS Membership Application

Name:

Address:

City/State/Zip

Phone (H)..... (W).....

E-mail.....

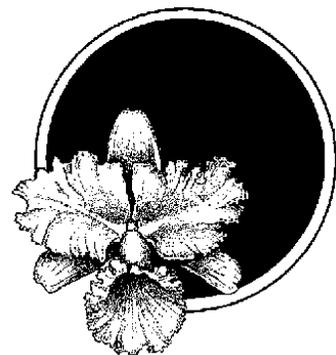
New Membership Renewal New Address
 Beginner Advanced Grower Commercial Grower
Member of the American Orchid Society? Yes No

Membership is from September 1 through August 31

_____ Individual (\$20) _____ Senior Individual (\$15)

_____ Household (\$25) _____ Senior Household (\$20)

Senior rates apply for those 70 and over.



Please make checks payable to the Ann Arbor Orchid Society. You may bring this application to any meeting, or mail it to: AAOS Membership, P.O. Box 3006, Ann Arbor, MI 48106-3006