

THE HOUSTON HAPPENINGS

The Monthly Newsletter of the Houston Orchid Society, Houston, Texas

Speaker Spotlight

Orchid Pest and Disease Control – Dotty Woodson, Ed. D.

By Holly Miller, First Vice-President



Dotty Woodson, Ed. D. will speak to us in January on the subject of "Orchid Pest and Disease Control". She and her husband, Berry, own D & B Orchids in Fort Worth, Texas.

Dottie is an Extension Specialist for water resources with Texas Cooperative Extension. Her program area is landscape

water conservation and she covers four counties. She has B.S. and M.S. degrees in horticulture from Tarleton State University and a Doctoral degree from Texas A&M University and Texas Tech. She is a Texas Certified Nursery Professional, a Certified Irrigation Auditor and a Private Pest Control Applicator.

Dotty has received two national awards for her work with Texas Cooperative Extension. She has also received many communications awards as a garden writer and video producer. She is a contributing author for *Gardening in Fort Worth*, *The Lone Star Gardener's Book of Lists* and the CD and computer website, *Texas SmartScape*. Dotty's DVD "Growing Orchids Made Easy with Dotty" is available through the Texas Cooperative Extension Bookstore.

Dotty writes a weekly garden and landscape column for the Fort Worth Star Telegram and a feature garden column for the Northwest Times Record and Meadowbrook News. She writes and produces "Gardening With Dotty" on Comcast, "Extension in the City with Dotty Woodson" on Fort Worth Community Cable and appears weekly on the local NBC Sunday Morning News. She also appears regularly on HGTV "Gardening by the Yard" with Paul James.

Dotty and Berry have grown and hybridized orchids since 1973. They grow their orchids in 5,000 square feet of greenhouses, have registered 64 hybrids and won many

INSIDE THIS ISSUE

Speaker Spotlight ·	1
President's Post · HJC · Recap.....	2
Culture Q&A.....	4
Committee Bulletins.....	7



The Houston Orchid Society was established in 1945 and is a recipient of the AOS Distinguished Affiliated Societies Service Award.



awards for their orchids and orchid exhibits. She also has a one-acre garden with Earth Kind roses, Texas Super Stars, herbs, butterfly plants, perennials, vegetables, carnivorous plant bogs, two large water gardens and a rainwater harvesting system.

Dotty has lectured to orchid growers at international conferences and to societies nationwide. With her background and her experience as a speaker, it's sure to be an enjoyable evening learning more about this important part of growing orchids well.

INVITATION

Gerry and Jill Smith would like to extend an invitation to all those HOS members who will be attending the WOC in Miami to a cocktail party at our condo in Fort Lauderdale on Friday, January 25th, at 4:00 PM. It's located about 30 minutes from the Miami venues. We hope you will join us for fun, orchid conversation, food, libations and spectacular intra-coastal and ocean views!

Please RSVP by January 17th if you can come and we'll email you or send you specific directions. RSVP to either jsmith8146@comcast.net or 281-545-2023 or 832-545-8698.

It's going to be great fun so make plans to be there!

President's Post

By Deana Roberts, President

I sincerely hope that all of you had a wonderful holiday and I am wishing you all a Happy New Year and I take great pleasure to introducing myself. We will also be introducing the other board and committee members to you in the newsletter this year.

I thank you all for your vote of confidence in endorsing me as the 2008 President for Houston Orchid Society. I will have big shoes to fill, as Don Ghiz has done a wonderful job this past year. I look forward to serving you and it is my goal that each of you get the most out of your membership in HOS by bringing great speakers to you with the fantastic help of Holly Miller, who is an AOS Student Judge and by getting the Newcomers more involved and by arranging some fun expeditions and excursions for all members. We all joined HOS to learn more about orchids, to grow better orchids, to be able to trade, purchase and extend our orchid collection and to make friends with other *Orchidolics*. Yes, it is an addiction, come on, admit it.

For those of you who do not know me well here is the scoop, I have three passions: Plants, Pets and People, not necessarily in that order. I have been married to the same man for over 42 years, have lived in Houston for over 45 years and I am crazy about my first and only new grandson. In my real life I am the President of Intropa Tours a group tour company that specializes in choir, band, orchestra and dance tours all over the world and I have been in the airline travel related field for 48 years. Additionally, I am the president of Far Corners Garden Study Club, the 2nd oldest garden club in Houston; am a student flower show judge; and serve on the board of the National Garden Clubs, Inc., as well as local and state garden related organizations. I am planting a "Native Plant Pocket Garden" with the assistance of the President of the Native Plant Society of Texas, Houston chapter at the Red School, an HISD elementary science magnet school. I just bid on and won at the December 6 HOS meeting, a 10x20 lean-to greenhouse donated by Greg Scott and WOW, am I excited about getting it built and filling it with more ORCHIDS. I will deny this if you ever meet my husband and tell him that I said that. Most importantly, I do not take myself very seriously, I love to laugh and have a good time and I want you to have this same experience by getting involved and making the most of your Houston Orchid Society membership.

Houston Judging Center

By Margaret Putman

HJC Results - December 15, 2007 -.

There were 3 plants entered with no awards. There were 12 Accredited Judges, 2 Probationary Judges and 4 Student Judges present with a total of 21 persons attending. The next regular judging will be held January 12, 2008 in Jerebeck Center, Room 202, University of St. Thomas, 2000 Mt. Vernon St., Houston, TX. Please note the change from the regular third Saturday, due to the WOC meeting. It is requested that all plants be entered before 11:30 A. M. so that they may be properly researched prior to judging.

Recap: December 2007



Photograph thanks to Judith Neufeld.

2007 President, Don Ghiz, presented all those who helped make the year a success by volunteering with real Dendrobium leis. They were a real surprise and absolutely beautifully made (and smelled good too)! 2008 President, Deana Roberts presented Don with a lovely painting as thanks for all his work in the past year.



Photograph thanks to Judith Neufeld.

The new 2008 officers and board were sworn in as the baton was passed on to the new regime. Our new President, Deana Roberts with her lei is shown above.

Marvin Gerber then took over the podium to start the traditional December HJC Auction. He was assisted by Don Ghiz, Jim Butler, and several other members who distributed the auctioned items to their new owners. As in years past, H&R Nurseries provided a number of new plants for the auction. The total raised during the Houston Judging Center auction was \$2,200. The total was unusually high due to three plants donated by Jeff Bradley which sold for over \$700 and that included Jeff buying back the division of *C. schroederiae alba* "Rivermont" for the reserve price (which Jeff set) of \$500. The other major donation was a greenhouse frame donated by Greg Scott which sold for over \$450.

Meet First Vice President, Holly Miller



I got involved with orchids only 5 years ago when I was in the hospital and someone brought me one. I spent the first year running around town trying to figure out where to buy good orchids and growing them by trial and error. I joined the HOS four years ago and began to learn all that I wanted to

know. I've learned the most and had the most fun by becoming involved in volunteering in the society. If you'd like to become more involved, just let one of us know.

I've been married for 20 years and we have two brown children - chocolate Labrador Retrievers. I have been in private practice for 16 years as a counselor using the method of Eidetic Imagery Psychology. My area of expertise is in helping people with money issues although I work in all therapeutic areas. In my former life I was a geologist with Gulf Oil and Chevron for 15 years, primarily proposing and drilling oil and gas wells in Texas.

As your First Vice President, it's my job to plan the programs for the meetings and I have a great lineup of speakers for this coming year. I hope you enjoy them.

Introducing John Stubbings, Second Vice President



Hello HOS members. I'm John Stubbings your new Second Vice President. Sorry I missed the December meeting but family called me away that afternoon. I hear my job is to orchestrate HOS exhibits especially at away shows. I am great at hauling stuff around to shows and back to town but can only do that if you supply the plants!

In my past orchid life I did that for three years for the Illinois Orchid Society (that's located in Chicago where they get snow). So the general idea is I take your plants to the away show and create a wonderful display and bring back lots of ribbons and trophies for you. So anyone that wants to help in the setup and especially in getting ribbons/trophies for their plants please contact me.

I will bring all of our plants, ribbons, trophies etc. home after each show. At this point I am planning on doing an HOS display in at least Galveston and both SWROGA shows. We will also do other shows if anyone has an interest. I will announce possible other events for the HOS to participate in later.

I've been addicted to orchids since 1979, and was a director or officer of the Illinois OS for more than 20 consecutive years with three years as president. I have been in the AOS judging program since 1985. Here in Houston I am an active judge at the HJC and I served as Co-chair for the HOS Summer Workshop the past two years and as of the last HOS Show. I'm also near the end of four years as President of the Inter-national Phalaenopsis Alliance. Representing that group I attended both the 2006 and 2007 Taiwan International Orchid Show and Symposiums. I have made many orchid hybrids and have more registered Galeandra hybrids than the rest of the world put together. You have to be really touched to get into one type of orchid that much. I do love orchids, orchid people, and having a good time.

My wife Sandy and I moved to Houston in the summer of 2004. We were invited to come to help take care of our first grandchild. Sarah Moses was born September 2007 and will be joined by her sister sometime after the first of the year. Sandy has been a part time caretaker and full time Grandma for Sarah. I of course do the regular grandpa duty of being ticklemonster.

So please, volunteer to bring your plants for away shows. Also you may want to help with setup which is a great experience meeting other orchid nuts.

Here's Jill Smith, Treasurer

I'm Jill Smith and I've been elected to serve as the Treasurer of the HOS this year. My passion is languages and I'm very left brained so I'll be needing lots of prayers from all of you! I'm bound and determined to do a great job, however, and I must admit it will be a lot easier to enter figures on a spreadsheet than to plan out how to spend our funds!



I am a retired foreign language teacher (Spanish) and I've lived all over the country—New York, Chicago, St. Louis, Fort Lauderdale, Bridgewater, NJ, Boston, Memphis, Charleston, SC and now Houston. My husband, Gerry, who is also a member of the HOS, has pretty much dragged me all over the place due to his job. But that's fine—it's been a great ride and I've collected a ton of friends, had some great jobs along the way and learned wonderful things about all of these places.



Culture Q&A

HOS Culture Q&A Panel: Ted Baenziger, Jay Balchan, Dolores Fields, Joe Fields, Marvin Gerber, Renee Gerber, Doug Harris, Rick Hepler, Julius Klehm, Nina Rach, and Greg Scott.

We are continuing the Q&A answers to last month's question this month since we were unable to include all the answers.

Question: Leaf loss. How much is normal? I know that all plants lose some leaves, but since orchids have sparse foliage to begin with, it worries me to lose one single leaf. What are the signs of a problem amount of loss? Spots vs. stripes, tips vs. edges, top leaves vs. lower ones? What should I do when a plant seems to be showing no signs of stress other than leaf loss?

A: Sorry, there is no simple answer to this question. Leaf loss is different in different groups of orchids for different reasons.

Bottom leaves will eventually drop, but your culture can delay this disheartening process. We must look at three categories to solve this problem. Diseases, culture and genetic programming can result in leaf drop. It is a good idea to treat seasonally with a good general insecticide and a good general fungicide/bactericide. Merit, Phyan/Consan and Banrot will cover this chore.

Many of the dendrobiums that we grow in Houston have ancestors with semi-deciduous leaves. During the fall if the habitat becomes too cool and too dry they will lose most of their leaves. Growing tip is to keep well watered, keep humidity up in the growing area and keep the temperature at 65 or above, especially during the fall and winter. In their native habitat many have a wet season with lots of rapid growth and a dry season with no rain and loss of foliage. Another tip is that they are prone to spider mite infections during the cool, dry fall, so mist and keep well watered. If you spray insecticides, the beginning of fall is a good time to treat for spider mites. Mites will damage and drop those leaves. Do not use liquid Orthene as it causes leaf drop. Powdered Orthene will work better. Merit is my favorite.

Another type of dendrobium and some other types of orchids from the Far East, depend on a dry season with leaf drop or just a dry season as part of their flowering cycle. The noble dendrobiums want wet, well fed culture during the spring and summer. Then in the fall and winter they want to be dry. Water in the fall only when the canes or pseudobulbs swivel. If kept properly dry they will flower at the right time. Water when buds appear. If watered they will not flower but put on kikus.

Since, we are talking about genetic instructions, remember that different plants with different genes are prone or less prone to leaf drop. Keep those plants that work best for you.

Phalaenopsis will drop their bottom leaves when the temperature is too high. Growing tip is to keep well watered and reduce the temperature. Good air circulation and decreasing light will help with the temperature, but a wet wall will also help with the humidity and temperature. Moving, humid air removes heat from plant tissue but does not necessarily drop the air temperature. Remember that the air temperature is not the internal plant temperature. Internal plant tissue temperature determines growth, flowering and health of orchids. Air temp is just a good indicator for a complex chemical system.

Vandas will drop their bottom leaves when kept too dry. The bottom leaves will eventually drop but you can delay with proper culture. Daily watering in open containers works best. If your vandas develop leaf drop, treat with pesticides for possible disease and top the plant. There is a very bad fungal disease that comes into our greenhouses on shipped vandaceous plants from the Far East.

Cattleyas will drop leaves from pseudobulbs if too dry or diseased. Eventually, the leaves on backbulbs will drop. This is a good signal to repot and cut away the bare backbulb.

HOS Not Represented

By: Doug Harris

After email invitations and announcement at the Nov. 1 HOS meeting, HOS members missed out on sighting wild orchids in the Big Thicket area.

Joe Liggio and GOS's Harriet Davis traveled into the Menard Creek, Big Sandy and the Turkey Creek units plus along Village Creek.

While much of the foray into the wilds allowed the pair of intrepid orchid hunters an opportunity of seeing over 50 plants of *Spiranthes odorata* (with its scent of vanilla) plus *Spiranthes longilabris* (a really rare orchid), the outstanding find of the Nov. 3rd trip was a new location of *Platanthera ciliaris* - the yellow fringed orchid. The flower inflorescence of the yellow fringed orchid reaches heights of 40 inches or so. Up close, the bunches of the flowers are impressive.

If HOS members want to really get behind Liggio's efforts to find and document the orchids and plants in the Big Thicket National Preserves, you should volunteer to help look. In coming months plans for more excursions are being planned.

HOW FLASKING HAS CHANGED CONSERVATION

By: Doug Harris, HOS

In this first portion, a concept of natural orchid seed germination is presented. In part 2, the particulars of flasking of orchids in general with specific information related to cypripedium orchid will be addressed.

Part One - Natural Growth

In their natural surroundings, orchid plants are adapted to air dispersion of the seed from successful pollination of flowers. By not having endosperm containing nutrients like sugars and starches, the seed are mere dust motes, easily blown about over wide areas downwind of their opening fruits, pods or capsules (You can pick which one is the correct term). But because the seed have no "food" contained in the small seeds, they are dependant upon fungi to furnish nutrients until the small seedlings develop leaves and roots in order to absorb food stuff and water from their surroundings. Many consider such a process as being symbiotic, as if the invading filaments from fungi invading the husk of the seed willingly donate the nutrients involved in allowing the germinating seed to develop.

But that might be classifying the circumstances surrounding the relationship as very, very optimistic. To see my point, one must realize that the reason the fungal threads that enter the seed do so in order to digest the contents of the seed by liquefying the contents and even dissolving the surrounding shell in the process. For the most part, the fungus wins out and the orchid seed's nucleus is absorbed by the fungi. Given the extreme number of seeds that can be coming from a single capsule, orchid seed that actually grow to a mature plant in nature probably only have a success rate of one in 100,000 or less. If 100% of the seed were successful in producing more seed, the whole Earth would become covered by orchids in say three years or so.

To even have one seed germinate and grow for a year or more until it can sustain its increase in size by photosynthesis to create its own nutrients, the seed has to be able to stop the invading filaments from excreting the alkaline enzymes to digest the seed in the same manner that the fungal filaments digest leaves and fallen matter on the ground. So orchids that are successful in getting food from fungus filaments developed a defense mechanism to defeat the fungus. An acidic compound surrounds the nucleus of the seed, contained in its own little shell. To reach the cell nucleus, the fungal filament attaches itself to the shell around the nucleus and tries to digest the shell. Somewhere along the line the outer shell is breached and the fungal filament is exposed to the chemicals developed by the seed and is killed. The seed is then able to absorb the filament materials. In cycles occurring over and over, the seed casing is penetrated by fungal filaments, the seed defends itself and gets more food from the fungi. If the fungi beats the seed to the punch and releases enough dissolving enzymes before the seed has developed more of its defensive chemicals, the fungi wins and the seed is eaten.

But as long as a seed is successful, it continues to get food. Then finally the nucleus divides and makes two cells. More invasions by fungal filaments, or "hyphae" as the filaments are called, into the cells continue. The small group of cells continues to expand until sufficient size or mass happens to allow the internal cells to start differentiation into roots and leaf structures. This lump or mass is called a "protocorm" by botanists. Its size can be that of a straight pin head up to a fat rice grain before differentiation begins.

The process may take years before the first small roots develop. Once capable of photosynthesis, when leaves form and start producing starches and sugars, the small plant which has survived starts to increase its size in a more rapid manner. The surrounding environ, whether bark, leaf matter, or other materials, is still being occupied by the mycorrhizae fungi and the matrix of the hyphae spreading throughout the debris. The orchids roots may continue to be invaded by the fungi which may even develop spores within the roots, but the young plant has reached a growth rate sufficient to grow cells faster than the fungi can kill cells of the plant. Now the plant can reach a sufficient size to flower and perhaps perpetuate itself by flowering and producing seed.

Early propagation of seedlings by orchidists was done by placing seed from an orchid around the base of the plant where the seed could be inoculated by the Mycorrhizae fungi and germinated, thus starting the so called symbiosis with the fungi again.

Phrag. Kovovachii Name Challenge


Eric Christenson posted this on the OGD forum recently: "It has been brought to my attention that there is an active proposal to eliminate the name *Phragmipedium kovachii* by suppressing the Selbyana Supplement it was published in on the basis of the illegal backstory.

1. The proposal TAXON 55(4): 1055-1056. 2006 (Nov.)
2. Rebuttal by William Anderson: TAXON 56(2). 2007 (May).
3. Rebuttal by Wesley Higgins and David Benzing: TAXON 57 (3). 2007 (Aug)."

Jill Smith (Continued)

I became interested in orchids because Gerry's grandfather raised them in South Florida and left them all to my mother-in-law. Upon her passing, I just couldn't let them all die, so I transported them to Charleston and subsequently to Houston where I have become a slave to them and to a myriad of others which have joined my collection.

We have a condo in Fort Lauderdale where we spend a good deal of time and we have aspirations of returning there permanently one of these days. Come see us there if you're in the area for the WOC!



Evening at AOS

American Orchid Society
President Carlos Fighetti
Cordially Invites you to an

Evening at AOS


Wednesday, January 23, 2008
7:00 to 9:30 pm

An Evening of Food and Drink at the
AOS Visitors Center and Botanical Garden

Tickets \$95

Transportation will be provided from the front of the Sheraton Miami Mart
Space is limited and tickets will be available on a first-come basis
Our goal is to give WOC registrants an opportunity to see the
AOS and meet the staff and volunteers
Dress is business casual
Additional information and ticket order forms available at
www.aos.org or 561-404-2011

American Orchid Society
16700 AOS Lane
Delray Beach, Florida 33446-4351



Education, Conservation, Research, Passion
Photograph Greg Alikas

Evening at AOS Committee
Carlos Fighetti, AOS President
Donna Craig, Honorary Chair
Carol Holdren, Event Chair

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Milton Carpenter
Susan Cupp
Kathy Figiel
Jim Jordan
Ron McHatten, PhD
Art Moore
Andrea Nessen
Alec Pidgeon, PhD
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Ben Singer
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Nancy Mournerford
Ben Singer
Taylor Slaughter
Sandra Svotoda
Max Thompson
Linda Wilhelm
Regina Wilson

Welcome New Members

Mike Walters

Gordon Rowell (Returning)

Welcome Guests

Richard Kucel

Eron Borne

Thanks for Refreshments

Everyone!!

Support the AOS while you search the web:

You can now use GoodSearch.com to raise money for the AOS on internet searches! You can go to www.goodsearch.com and enter American Orchid Society in the "WHO DO YOU GOODSEARCH FOR?" field. Next select the link "Add GoodSearch to your Internet Explorer,..." Follow the instructions and Download and install the GoodSearch Toolbar. The installer will shutdown Internet Explorer and then restart it. When Internet Explorer starts back, you will have a tool bar that should say "GoodSearch". The first field is for what you want to search on. Next to that is a "My Charity" field that should have American Orchid Society listed. Now whenever you search the internet the AOS will earn a penny! Those pennies can add up and we hope you will help.

For a downloadable copy of the ticket order form go to

http://www.orchidweb.org/aos/about/documents/Evening_at_AOS_ticket_order_form.pdf

Please fax completed form to 561-404-2034 or mail to:

THE AMERICAN ORCHID SOCIETY
16700 AOS LANE
DELRAY BEACH, FL 33446
Attn: Tara Williams



Committee Bulletins

Newcomers Group

Chair: Debbie Peterson-Chair dpeterson@avalonlp.com 281-890-0811

Co-chair: Edwina Mitchell, Co-chair Edwina.Mitchell@shell.com 281-479-6539

Starting this month the 2008 Newcomer's Group will be led by Debbie Peterson & Eddie Mitchell. And Radka Fibingerova will be helping us. Our first meeting will be held at Rick Hepler's house (2505 Mary Ave. Pearland, TX 281-992-0431 maudiae@aol.com). Soon the Houstonorchidsociety.org Newcomer's Group section will have our full 2008 schedule, if you don't have one already. More detail directions will be emailed out to the newcomer's a week before the meeting. If you don't think you're on that email list or you need to be called instead, please contact Debbie or Eddie.

I hear Rick has an amazing collection of slipper orchids (Paphs & Phrags) and is eager to share a few of his secrets of cultivation with us. Please make sure to bring your nametag for a plant raffle.

Raffle Table

Chair: Lee and Gordon Rowell

I'm excited about being the plant raffle lady. Everyone always looks like they are having so much fun! Plants for the raffle table are purchased from different growers. We purchase the plants from money made from the previous month's plant sales after paying the garden club 10% of our ticket sales. The plant raffle table is provided at the meetings as a fun and inexpensive way for members to obtain new orchids.

Our plants for this month of January will be coming from Puna Orchids. Puna started in 1985 with 5 acres all under shade and they are developing another 5 acres with about 2 under greenhouse cover. They are located on a volcanic flow from 1840 on the eastern side of the Big Island of Hawaii at sea level. Their area, Kapoho, has its own microclimate and is much drier and sunnier than the rest of this side of the island. You can call toll free, 866-965-6222, and ask for Kelley or check out their website, <http://punaorchids.com>. Kelley said she would make up a package deal special just for the Houston Orchid Society for the month of January, so come see what plants are at the raffle and later call Kelley and tell her who you are.

You may purchase 5 raffle tickets for \$1.00 or 30 tickets for \$5.00. We will have a plant offered for a free door prize. Everyone who comes in the door gets a free raffle ticket for the door prize. If you are wearing your name tag, as an added bonus, you get two tickets. Please bring in General Mills Box Tops for Education and receive one raffle ticket for each box top. The box tops are donated to schools for purchasing needed equipment.

Houston Orchid Society 2008 Officers and Committee Chairs

Officers

<i>President</i>	Deana Roberts
<i>1st Vice President</i>	Holly Miller
<i>2nd Vice President</i>	John Stubbings
<i>Recording Sec.</i>	Katherine Brown
<i>Treasurer</i>	Jill Smith
<i>Membership</i>	Donna Williams

Chairs

<i>Guest Hospitality</i>	Jean Schwenke
<i>Happenings Editor</i>	Susan Taylor
<i>Librarian</i>	Sarah Bentley
<i>Newcomers Group</i>	Debbie Peterson, Eddie Mitchell, Radka Fibangerova
<i>Parliamentarian</i>	Richard Champagne
<i>Plant Raffle</i>	Lee and Gordon Rowell
<i>Refreshments</i>	Cherie Lee
<i>Silent Auction</i>	Judith and Loren Neufeld
<i>2008 Spring Show</i>	Don Ghiz
<i>2009 Spring Show</i>	Melba Butler
<i>HOS Web</i>	Calvin Starr
<i>2008 Workshop Chair</i>	Ted Baenziger and John Stubbings

Directors

<i>Two-Year Term</i>	<i>One-Year Term</i>
Joe Fields	Fr. Ted Baenziger
Greg Scott	Calvin Starr
Melba Butler	John Jamerlain
Jim Butler	Phillip Free
Dave Hunt	Richard Lund
Johnny Williams	
Sandra Higham	
Dolores Fields	
Marvin Gerber	
Jerry Stephens	

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AOS Representative	Melba and Jim Butler
IPA Representative	John Stubbings
ODC Representative	Joe Fields
SWROGA Representative	Julius Klehm and Marilyn Holloway

Houston Orchid Society *January 2008 Meeting*

Program: Orchid Pest and Disease
Control - Dottie Woodson

Date: January 3, 2008

Time: 7:30 p.m. - 9:30 p.m.

Place: Houston Garden Center

2008 Speakers

January: Dotty Woodson, Pest and Disease Control

February: Nina Rach, Orchids of Guatamala

March: Glen Decker, Piping Rock Orchids

April: Show setup, no meeting

May: TBA

June: Bill Thoms, Bulbophyllums

July: TBA

August: Norito Hasagawa , Paphanatics Orchids

September: Ron McHatton, AOS

October:

November: Greg Butler, Oak Hill Gardens

December: HJC Auction and HOS Party

HOS Website

www.houstonorchidsociety.org

Houston Orchid Society
The Houston Happenings
P. O. Box 648
Ace, TX 77326

