



Orchidacea

Newsletter of the
Triangle Orchid
Society
Associated with Sarah
P. Duke Gardens

Speaker for Feb 12, 2007 WENDY GRIFFIN. Indian River Orchids

Jason and I started growing orchids many years ago as a hobby, like most have realized orchids seem to have this way of taking over ones free time. Even though quite relaxing, when you are looking at hundreds of plants that need repotted it begins to be more than just a hobby. Luck has it I am not sure who liked Orchids more Jason or I, so we found ourselves purchasing an old greenhouse and moving them to Vero Beach. It took us exactly 1 year to fill 4,250sq. ft of greenhouse. We began to realize if we wanted new orchids we had to sell some. So with a small cardboard sign on the road we opened for business on the weekends. For 3 years we worked regular job and weekends at the Greenhouse. 4 years ago I left my job and started working the at greenhouse daily. We were invited to our very 1st show 4 years ago....The Miami International Show...WOW... Was that ever great. In 2004 Indian River Orchids took a terrible blow. Hurricane Frances destroyed everything! Our Home and our Business. Orchids being the only love of our lives we were determined to come back bigger and better. We are happy to say with a lot of sweat and many tears we have rebuilt the greenhouse of our dreams, growing Vandas, Cattleyas, Dendrobiums, Phalaenopsis. Last year we started our own Lab and are now producing our own plants from seed and tissue culture.

I have no problem with people calling me to talk about items they are looking for...we did just purchase Stewart's Orchids from Mississippi so we have a lot of Cattleyas.....

ALL PREORDERS 10% off

Blooming Phal's: \$30.00 Dendrobiums: \$22.00 Cat's (limited): \$35.00-45.00
NON BLOOMING Community Pots of Cattleyas: \$25.00 3' Cattleyas: \$15.00
4' Cattleyas: \$18-25.00 5' & 6' Cattleyas: \$25-45.00

ironorchids@aol.com 772-563-0070

1040 10th Ave. Vero Beach FL 32966

Judith Shapiro (Welcome Table Chairman) needs some volunteers for the Welcome Table--Please contact her with the month you would be willing to be at the table before the meeting and at the refreshment break.. It's a good way for new members to get to know the other members by giving out their name tags . Duties include greeting visitors and new members, selling raffle tickets, and collecting name badges at the refreshment break. Contact her at 919-471-2802 radamson2@nc.rr.com

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**The Triangle
Orchid Society meets
at the Sarah P. Duke
Gardens, Durham,
NC
The Second
Monday of the
Month
at 7:30 PM**

**www.Triangle
OrchidSociety.org**

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Minutes of the Last Meeting

January 8, 2007

The new President, Michael Wagner, opened the meeting at 7:31 pm., and he welcomed TOS guests. The December, 2006, minutes were approved as published in the newsletter. President Wagner, previously Treasurer Wagner, stated that the Year End Financial Report would be presented in February.

Announcements:

Dues are due. Membership befits include listening to the wonderful speakers at each meeting, and receipt of the TOS newsletter, all for the bargain price of \$18/ individual or \$24 for couples. Please give your dues to Peggy Bloodworth, the new TOS Treasurer. Her contact information is listed in the newsletter.

A membership recruitment letter will go out sometime in January. Please respond. Dues may be included with your response. Even if you have already paid your dues, please take a moment to fill out and/or update the contact information, and look over the volunteer opportunities (and sign up! We need help to keep the TOS the organization it is now!).

We have a wonderful library, and all members are encouraged to look over and take out the books. Members are also encouraged to RETURN the books. In fact, to really encourage people to return the books they have signed out, the TOS will be instituting a \$1/book/month overdue book fine. The overdue book fine policy will begin in February.

There were 9 plants available for

raffle; tickets cost \$1. There were some past issues of Orchids Magazine looking for new homes. The magazines were on the Welcome Table. A few AOS calendars were left at the bargain basement price of \$7/each. They were not expected to hang around long at that price. The Welcome Table needs volunteers. There is no one signed up to work the month of February. Please consider lending a hand.

Orchid Shows are coming up! The Triad Orchid Society is hosting "Heavenly Orchids" in Greensboro January 26-29. We will need people to set up the show on Thursday, the 25th, and take down the show on the evening of the 29th.

The South Carolina Orchid Society is hosting a show from Feb. 9-11; set up is on Thursday the 8th, take down on the evening of the 11th.

If you are interested in helping out with either of these shows, please contact Judith Goldstein.

The Triangle Orchid Society is hosting its own show March 9-11, 2007, "Orchids Around the World". Set up will be on Thursday, March 8. We need volunteers for help with everything. On the day of set up we will need volunteers to help other societies (and our own members) carry in plants, to help with set up and registration, and to pull together a potluck dinner for all of the show participants. On Friday morning we will need people to act as clerks and carriers for the judging. On all days of the show the TOS will need volunteers to man a Welcome/Outreach table. And on Sunday, March 11, people will be needed to take down the displays and to be a Clean Up Crew after the show is over.

Please consider donating an hour or two of your time and helping make this a successful show.

The TOS offers Trophies for specific awards. By the end of the January meeting, all trophies were sponsored. Thank you to all the generous members of the TOS who stepped forward to help out. Please send your checks, ASAP, to Treasurer Peggy Bloodworth. Her address is listed in the Newsletter.

The Speaker, Rolf Wilhelm, presented the show table. The membership took a brief refreshment break following the show table, then settled down to listen to Mr. Wilhelm speak about Stanhopeas.

A number of individuals got up to peruse the sales tables during the last few minutes of the talk, and a number left before either voting on the Jack Webster Awards or the raffle were complete. Do please stay in your seats at least until the talk is over. The Speaker will stay and answer questions following his/her talk, and it's difficult to have to speak over people milling around (and poking at their sales plants).

Following the talk, the Jack Webster Awards were decided.

Greenhouse Grown: First Place Ribbon: *Cymbidium Milton* Carpenter, Grown by Bob Meyer.

Second Place Ribbon: *Ascocentrum miniatum*, Grown by Paul Feaver.

Third Place Ribbon: *Dendrochilum glumaceum*, Grown by Rick Cavallaro.

Non-Greenhouse Grown: First Place Ribbon: *Cymbidium Miss Taipei* Unveiled, Grown by Judith Goldstein.

Second Place Ribbon: *Dendrobium alexandrae* x *Dendrobium Nelly Slade*, Grown by Allison Finch.

Third Place Ribbon: *Cattlytonia Jamacia* Red, Grown by Amy Marshall

Triad Show Pictures



Bring up to 5 show table plants and get 5 Free Raffle Tickets

Have Dinner with the speaker 5:30 PM, before the meeting, at the Neo China Restaurant, 4015 University Drive, Durham, behind Target's at the South Square Mall. Call Alan Miller 969-1612 before 5 PM Monday to make your reservations.

Questionnaires. Please return them and also a dues check for 2007

Take several Show Posters at the meeting and put up where they will get the most coverage in the Triangle Area



**Jack Webster Awards
Greenhouse Grown**

**First Place Ribbon: Cymbidium
Milton Carpenter,
Grown by Bob Meyer**



**Second Place Ribbon: *Ascocentrum
miniatum*, Grown by Paul Feaver**



**Third Place Ribbon: *Dendrochilum glu-
maceum*, Grown by Rick Cavallaro**

**Jack Webster Awards Non
Greenhouse Grown**



**First Place Ribbon: Cymbidium Miss Taipei
Unveiled , Grown by Judith Goldstein**



**Third Place Ribbon: Cattleya
Jamacia Red, Grown
by Amy Marshall**



**Second Place Ribbon: *Dendrobium alexandrae* x *Dendrobium Nelly Slade*, Grown by
Allison Finch**



Last Month's Speaker Rolf Wilhelm

Vice President Miriam Sagasti introduced the speaker as a native German speaker with an Australian Cajun English accent and the owner of Woodland Orchids in Charlotte, NC. Rolf Wilhelm spoke on "Stanhopias." By way of history, he said William J. Hooper named the genus in 1829 as a dedication to Philip Henry, Earl of Stanhope.

They are incredible flowers, very fragrant, and consist of somewhat different parts than other orchids—dorsal sepals are rather insignificant in size, petals, a lip with a column and hypochile (with nectary), a mesochile, horn (short, longer, or none at all in primitive *Stanhopias*), an epichile, and pedicel. Pollination is usually by the euglossine bee. This bee consists of about 6 different genera and about 190 different species. Each species is tuned to a certain fragrance of flower. The bee goes to the nectary, gets high on the flower's fragrance, and slides down the very waxy parts in the flower. The mesochile keeps the bee from falling out sideways. As it goes, it takes the pollen with it which sticks to its back. In about 1/2 hour, with a clear head, it goes out and says, "Let's do that again." In the meantime the pollen (usually very large) has shrunk. It goes into the flower where the smaller shrunken pollen can now fit into a slit at the flower base and pollinate it.

Basic culture. You need bright indirect light similar to phalaenopsis light requirements. Maintain temperature from the 50s to 90s. This range may vary for species. The key is water. Use ample amounts. Reduce water in winter months. Gray leaf tips mean not enough water. Humidity levels should be between 40-75%. When temperatures are high, you should aim for the higher level. You need good air movement. Fertilizer needs call for a dilute concentration of balanced organics. The nitrogen should be a urea-free type source. CalMag supplement can be added. This plant is faster growing in spring. Potting is best done after it blooms. Baskets made of wooden slats offer resistance to water. It is better to use a wire basket whose smaller support area allows wetting. He uses a three-part media. The first is coconut fiber.

The second is 2 parts medium bark chips, 1 part small bark chips with 1 part #3 sponge rock, 1/2 part fine charcoal, and 1 part small lava rock. The third medium component is sphagnum moss, an inch or so. The plants can be slab-mounted on a tree fern slab and hung horizontally. If flowers aren't as abundant, they may need repotting. Also, this can be done when pseudobulbs grow on top of other dead pseudobulbs. You don't get as many flowers out of a huge clump. This frequency can be about every 10 or so years.

Native occurrence. They are found from Mexico through Central and South America all the way down to Argentina. Color variations are great and whites may range from creamy to greenish yellow. He gave a survey of some species. *S. tigrina* is from Mexico. *S. nigroviolacea* produces the heaviest of all orchid flowers which can be up to 17 cm across. Other species mentioned were *graveolens*, *jenischiana*, *wardii*, *embreei* (one of his favorites), *annulata* (under right conditions this primitive orchid can flower year-round), *connata* (with large petals and short horns), *platyceras* (with gigantic flowers up to six inches across), and *oculata*.

Stanhopea hybrids. The first was done in 1890. There are fewer than 100 hybrids to this day. He mentioned several that have been grown.

Other related species. He talked about the tribe Maxillarieae, whose culture is pretty much what we have discussed with some terrestrial exceptions. The *Gongora* do not need to be in a basket. *Paphinias* like it wet, not moist and temperature some cooler varieties should not go over about 60 degrees F. *Acineta* (about 13 species) has some species that also like it cooler. Others mentioned were *Embreea rodigasiana* with huge flowers about 7 inches across, *Gongora tricolor* has flowers on a spike that all open at the same time (all within an hour for the entire spike), *Polycyenis muscifera*, *Acineta superba* with a spicy fragrance, *Paphinia rugosa*, *Houlettias* (not so much is known), *Schlimmia jasminodora* (flowers last

about 5-6 days), and *Sievekingia fimbriata* (spokes seem to come out of the spikes and they like cooler temperatures as well).

Members of *Stanhopea* generally have large flowers. They offer something for any growing area. *Transcription by Cara Hayes Secretary, Sandhills Orchid Society*

Triangle Orchid Society Show Trophies

In recognition of Sponsor Best of Class \$25.
John Myhre, Judith Goldstein,

Rick Cavallaro Miriam & Leo Sagasti, Bob Mayer, Robin and Josh Gurlitz, Mary Sams, Mildred and Mack Howell, Faye Hardy, Tom Wentworth, Bob Molter, Judith Shapiro, Creighton Humphries, Alan Miller.

Nat Carson Award, **Best Standard Hybrid Cattleya**
John Stanton, \$25

Jack Webster Trophy, **Best Species**, Jack and Jean Webster \$50

Don Rice Trophy, **Best Amateur Exhibit**, Jeff Baldwin, \$50

Jim Fry Trophy, **Best Miniature Cattleya**, Barb and Stan Martinkosky, \$50

HP Norton Trophy, **Best Red Path or Phrag**, HP Norton \$50

TOS Trophy, **Best Interpretation of Show Theme**
Sue Morand \$50

AOS Trophy, Best Exhibit \$100 (Still available)

Triad Orchid Society Show Greensboro

Jan 25-27 2007

The TOS exhibit was the best in the 50sq ft category. John Stanton's *Ddc pumilum* won Best Miniature in the Show Trophy. The following members got Blue Ribbons: John Martin, Paph Double Deception and *Enc patens*. Jeff Baldwin, *Aasctm christensonianum*. Judith Goldstein Dtps Anna-Larati Saekardi, C Romantic Paradise and Den Dream. Bob Meyer Cymb Milton Carpenter. John Stanton, Masd Angle Frost. Nick Plummer, *Pths longissima*.

Red Ribbons: Jaimie Graff, Paph longifolium, *Ludisia discolor* and *Onc Memoria Ralph Yagi*. Paul Feaver, Den Peewee. Jeff Baldwin, Vanda Dona Rome Sanchez. John Stanton, *Pths janetea*.

White Ribbons: Alan Miller, Vanda Pat Delight and Odtna Vesta. Bob Meyer, Dtps Taida Pearl. Jeff Baldwin,

Mtdm Red Brick Road. Jaimie Graff, *Epi radicans*.



Triad Show TOS Exhibit

Judith Goldstein, Bob Meyer, Jaimie and Ron Graff and Alan Miller put in the exhibit. Peggy and Jeff Bloodworth, Miriam and Leo Sagasti took it down. More pictures at:

http://www.orchidzilla.com/content/orchidtravel/triadshow_012707/

Growing Tips for February

By Courtney T. Hackney EMAIL
at Hackneau@bellsouth.net

Last month's column was a list of my favorite orchids, but since cattleyas are my favorite group, I'm devoting a whole column to them. With over 500 mature cattleyas in my collection it is difficult to choose favorites. However, here is my short list.

My all time favorite is C Penang 'Black Caesar'. This hybrid between C bowringiana and C Nigrella is extremely vigorous and produces a large head of 3" deep purple flowers every fall with an extremely sweet fragrance. The fact that it is a 40+ year old hybrid is testament to the skill of hybridizers of the day. Another deep purple cattleya, but with very large flowers and a sweet fragrance, is Bc Chia Lin, a Bc Oconee hybrid. This is a more recent hybrid with a number of nice clones available as mericlones and is (in my opinion) the zenith of dark purple hybridizing.

Bright yellow cattleyas have always been my favorite, but are poor growers in my very hot, southern greenhouse. The exception is Bc Toshie Aoki, which originated in Hawaii. There are several different clones in my collection because I have not been able to decide which I like best. Some, like the clone 'Pokaii' have dark red-purple tips on their petals, while others are pure yellow with red lips. All are very fragrant, last a long time and grow extremely

well and pass these traits to their offspring.

Semi-alba hybrids have always intrigued me because they have an unusual combination of genetic characteristics; no genes for pigment in sepals and petals, but also a colored lip. This color form of cattleya hybrid has lagged behind others, and few really good clones have come along with this color combination, good form, and relatively flat flowers. The exception is Lc Melody Fair 'Carol', a product of a cross with C Horace. Most of its siblings are light lavender. A second favorite in this type of cattleya is Lc Mildred Rives 'Orchidglade'. Anyone that has ever attended the Miami Orchid Show has seen many specimen-size plants of

C. schroederae... Flowers appear delicate, almost paper thin, yet last 6 or 7 weeks

this hybrid.

While there are many spectacular white cattleyas, my favorites remain some of the first modern white hybrids, notably C Bow Bells and C Bob Betts, many clones of which are still available. One white species that will always be in my collection is C trianaei 'Aranka Germansky', not only because of its place in orchid history, but because it is such a vigorous and beautiful orchid. All of these cattleyas quickly

make specimen plants and their fragrance fills the greenhouse when they are in bloom.

There are many lavender cattleyas in my greenhouse. One of my favorites is C Horace 'Maxima' along with its hybrids. However, in this color form it is the cattleya species that are my I love most. C trianaei 'A.C. Burrage' and 'The President' are equivalent to most hybrids and grace the greenhouse all winter, while clones of C mosiae do the same in spring. There are more clones of C schroederae in my collection so it must qualify as a favorite. The delicate, light pink color, as well as a distinctive, pleasant fragrance distinguish this species from other better known species. Flowers appear delicate, almost paper thin, yet last 6 or 7 weeks.

Summer in my greenhouse is dominated by large-growing bifoliate cattleyas most notably C leopoldii. This sweet-smelling species alone would be enough for me to maintain a greenhouse no matter what the cost.

Finally, my one favorite small-statured cattleya is Slc Final Touch 'Mendenhall'. Even though it has little fragrance, it has large, flat flowers of apricot-orange. Best of all, it flowers several times a year and the color of its flowers vary slightly depending on temperature. Thus, it is like having several different orchids in the space of one.

The key to developing

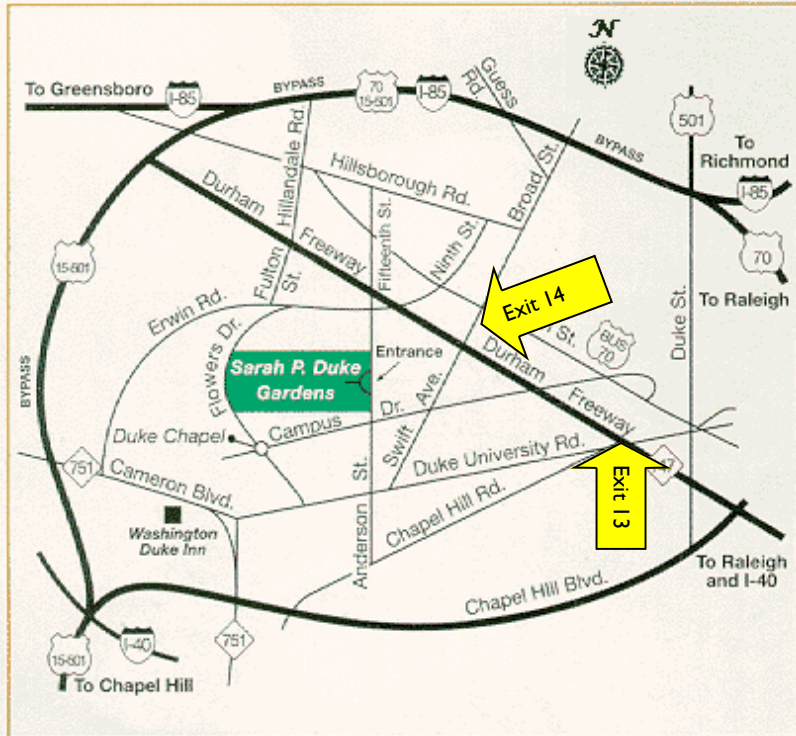
any orchid collection is to learn about the many kinds of orchids found in nature, and how they grow. Discover the hybridizers' art in creating unique combinations and decide what you like best and can grow. Ultimately, your orchid collection is unique to your senses and reflects what you like and appreciate.

Note: Many of the clones mentioned above are available from Carter & Holmes, Carmella Orchids, and your local orchid nursery.

Triangle Orchid Society Meeting Agenda:	Calendar 2007	Speaker	Topic
7: 7:30 Set Up Show Table and Chairs	February 12th	Wendy Griffin Indian River Orchids	Orchid culture from seed to adult
7:30-7:45 Business Meeting, Announcements			
7:45-8:10 Show Table Review	March 12th	Local Speakers	Member Plant Sale
8:10-8:30 Refreshment Break			
8:30-9:20 Program	April 9th	Alan Koch Gold Country Orchids	Miniature Orchids
9:20-9:30 Show Table Awards, Raffle and Door Prizes			
9:30 P.M. Meeting Ends			

Welcome Table**Refreshments**

Feb 12th	Marlene Kinney and Bob Meyer	Robin and Josh Gurlitz
March 12	Judith Shapiro	



From the East. **Exit 13 on the Durham Freeway(#147)** South on Chapel Hill Rd. right on Anderson St. Gardens on left.

From the West. **Exit 14 on the Durham Freeway (147)** South on Swift Ave right on Campus Drive , right on Anderson St. Gardens on left.



Associated with Sarah P Duke Gardens

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Sarah P. Duke Gardens, Durham, NC
The Second Monday of the Month
at 7:30 PM
Visitors are Welcome!

www.Triangle Orchid
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Orchids

Triangle Orchid Society Dues are:

\$18 per year single, or \$24 per year for two persons living at the same address. Mail to
 Peggy Bloodworth 2311 Hermitage Road, Hillsborough, NC 27278