



Orchidacea

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

Welcome to



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Speaker for June 13,2005 Milton Carpenter

Brief Orchid Biography:

A native of the Florida Everglades, Milton has been growing orchids for 45 years and is the owner of Everglades Orchids, Inc. in Belle Glade, Florida.

He is a past president and life member of the Orchid Society of the Palm Beaches. He is also President, Trustee, life member, and accredited judge for the American Orchid Society.

Milton is a world-renowned speaker, author, hybridizer, grower, photographer and explorer, having made numerous trips to different countries of the world to study and photograph orchids in their habitat.

His quest in hybridizing has been to "take the road less traveled" and develop new hybrids within the Oncidiinae and Cymbidiinae, which will thrive in warm as well as cool climates.

Milton has offered a 50% discount on pre ordered orchids from his web site. Make sure you mention that you are from TOS so he will bring the orchids to the meeting in Durham. Evergladesorchids.com

**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

The May 2005 Triangle Orchid Society meeting was held on Monday the 10th, at Duke Gardens in Durham, NC. The meeting was called to order by President Terry Moorhead at 7:30 pm. The main announcement was about the TOS Spring fund-raising Auction, which will be held Sunday June 5th. Please check elsewhere in this newsletter for site and directions. Please come out for the auction, and bring a couple of friends.

The evening's speaker, James Rose of Cal-Orchid Inc., reviewed the Show Table. After a break for refreshments, James gave his presentation for the evening, which was on Pescatoreas. Lots of slides. James also passed around samples of various potting media, and made some general comments that most growers should repot more often and fertilize more too.

For the Jack Webster Awards, in the Non-Greenhouse Grown category, first place went to an Angraecum sesquipedale 'March' grown by Jaimie Graff, second place went to a Phrag. Grande also grown by Jamie Graff, and third place went to a dendrobium parishii grown by Judith Goldstein. For the Greenhouse Grown category, first place went to a cattleya aclandiae grown by John Stanton, second place went to a dendrobium nobile grown by Paul Feaver, and third place went to an oncidium bowerii grown by George Beischer.

The meeting was adjourned at 9:30 pm. Minutes submitted by Judith Goldstein, Secretary.

Last Month's Speaker and Show Table:

James Rose assisted with the show table and among discussion topics were history and tips on culture mediums and pots. He said no two people agree on culture pots. First used was redwood tubs containing leaf mold, osmunda, charcoal and American sphagnum. He would use osmunda today but you can't get it. He pointed out that slots in pots are in vogue, as it is believed they allow air to get to roots. Perlite is added and he is not sure it makes a difference. He said bark is used and from his perception bark is not as good as it used to be. Fir bark nowadays is from younger trees and is from the cambium layer, is softer and deteriorates quicker than that obtained some decades ago. In New Zealand they use pine bark and it works great. It would be interesting to see what is used in the east coast area. He doesn't use coconut husk which is very popular. It must be leached 6 times to remove salts occurring naturally. Because he buys ingredients 50 yards at a time he could not take the time to leach it. Diatomaceous earth seems to be a good additive. It may give added moisture, especially through winter months. It adds so much weight that as a grower who ships items, it is prohibitive to use. He mentioned lava rock is an unforgiving medium. It Accumulates the slats in fertilizer and hard waters. Rock wool was used for a while., but stays too wet. A prominent Santa Barbara grower uses it. He believes it is non-absorbent. He and Jack Webster discussed that it was used and Jack said a formula the Eric Young Foundation has for cymbidiums used 1/2 absorbent and 1/2 non-absorbent material. It has the advan-

tage that when you repot it is easy to shake out the medium from the plant. Baked clay products such as some kitty litter are used. The big thing in culture today is semi hydroponics. You take a plant and put it in a plastic pot and it sits on a saucer of water. You use uniform sized pebbles and the size of pebbles determines the porosity of the mix. Orchids are planted in this and root into it and nutrition and water is wicked up from the saucer. Occasionally water is added, the solution is flushed and more nutrients added and it is a new way of growing. One difficulty is that rock doesn't hold nitrogen and it may need to be constantly added.

Speaker Presentation: Vice-President Mike Cory introduced our speaker, Mr. James Rose, whose topic was "Pescatorea, Chondrorhyncha, Etc." It is said that James has an eye for unusual orchids. He and his wife have a nursery featuring one of the largest varieties of orchid species and hybrids in the USA. He has been published in numerous magazines.

James said he would speak about the Zygotepetalum group and their very close allies with which they readily hybridize, the Huntleya group (really the Huntleya-Pescatorea-Bollea group). The difference between them is that Pescatorea come from areas constantly wet while zygotepetalum come from an area with wet seasons and dry seasons. His presentation was illustrated with slides. One hundred years ago someone wrote they had difficulty growing zygotepetalum because at that time collectors never told you of its origins and growing conditions, unlike today. It gave them a bad reputation.

Frederick Sander the orchid king was one of the first collectors to get the public interested in growing orchids he collected. We owe a great debt to him. He promoted the growing of orchids, including zygotepetalum. He quoted from his books about the zygotepetalum, "In the depths of winter when even orchid flowers are not plentiful, then are the merits of this favorite old orchid most appreciated, its flowers being so beautiful and so fragrant and borne on such an elegant ray of soft light which last for as long as eight weeks in perfection." Rose said you couldn't ask for anything

more. Sanders quote continues, "It is one of the few orchids found in places of general cultivation for it is often seen finely grown in gardens where orchids are almost unknown." It is one of the first truly commercially grown orchids, like phalaenopsis. It is so popular with the public because it is so fragrant. When Rose first grew them there were few species. Now, many new species have been discovered and hybridizing with them has added to the variety available. It was first sold growing with tree ferns thought to be necessary for its cultivation. This is not so. One thing is a problem and that is, it has one color, brown with a purple lip.

We can make it bigger, fuller, and darker but we can't make it any other color. That is where other related genera come in. They can add other colors to the zygotepetalum mix. All the other genera allied with this plant have fewer flowers. So we tend to end up making many new flowers with very low flower count. One nursery in Japan has thousands of zygotepetalum grown for cut flowers that are popular there. The Asians like the fragrance and when cut, keep for about 10 days.

They have a problem. Black spots come on the leaves when grown which are almost impossible to prevent. One person uses a potassium permanganate solution to prevent this by washing the foliage. He talked about several crosses with zygotepetalum. One hybrid made 100 years ago is still popular today. That has stood the test of time. He uses average culture to grow his plants. There is always fertilizer in the water each time the hose is turned on. Humidity and temperature are not major problems. Good air circulation is needed.

He showed slides of many crosses, some unsuccessful and some wildly successful. He suggested that every person in the room should make at least one hybrid. He told of some persistent hybridizers. One man in Panama made hybrids in the wild. One man who should be remembered is George Black.

(continued on page 6)



**Greenhouse Grown
Jack Webster Awards**



**Third Place Ribbon to: *Oncidium Baueri*
grown by George Beischer**



**Second Place Ribbon to:
Dendrobium Fire Coral 'Super
Star' AM/AOS grown by Paul
Feaver**

**First Place Ribbon to:
Cattleya aclandiae
grown by John Stanton**





**Non Greenhouse
Grown
Jack Webster Awards**

**Second Place Ribbon to:
Phragmipedium Grande grown
by Jaimie Graff**



**Third Place Ribbon to: *Dendrobium
parishii* grown by Judith Goldstein**



**First Place Ribbon to: *Angraecum sesqui-
pedale* 'March' grown by Jaimie Graff**

(Speaker continued from page 3)

He followed one line through six generations of crossings to get something he wanted.

He advanced to the Huntleya-Pescatorea-Bollea-Chondrorhyncha-Cochleanthes. James Bateman a very special orchid guy in England wrote a book called *Orchidaceae of Mexico and Guatemala*. Only 150 books were made originally. This is a very valuable book.

Transcription by Cara Hayes, Secretary, Sandhills Orchid Society

Some Snapshots of the Boxes from Carmella Orchids for our Spring Auction





Spring Orchid Auction

When: Sunday, June 5, 2005 12:00-3:00 PM (starts with covered dish lunch)

Where: Apex Community Park, 2200 Laura Duncan Rd.

Who: Everyone is invited. Anyone can bid.

What: Several hundred orchids will be auctioned. Species and Hybrids.

Donations: Will be accepted up to the start of the auction



Directions:

From Raleigh, take 440 to US1 South
From RTP, take 40 to 440 to US1 South
From US 1 in Cary, take the 64 West exit
Go past the Auto Mall
Turn right onto Laura Duncan Rd
AC Park is on the right



For more information, contact:

Terry Moorhead: 919-688-9235

info@triangleorchidsociety.org

The Triangle Orchid Society is a 501 (3) (c) Non-Profit Organization. All proceeds go for meetings, speakers and other activities supporting the conservation, cultivation, education, and enjoyment of orchids. www.triangleorchidsociety.org

Bring a Covered Dish and a friend to the Auction. Drinks and tableware will be provided by TOS.

Come early. Bidding will start at Noon while we are eating as we have over 225 plants to raffle.

12PM till 3PM

Driving Directions to Apex Community Park

Coming from Durham

Continue East on I-40

Bear right onto off-ramp at exit 287 to Harrison Av 0.2 miles

Take Harrison Av Ramp

Bear right onto Harrison Av 3.4 miles.

Turn right onto Chatham St 0.3 miles.

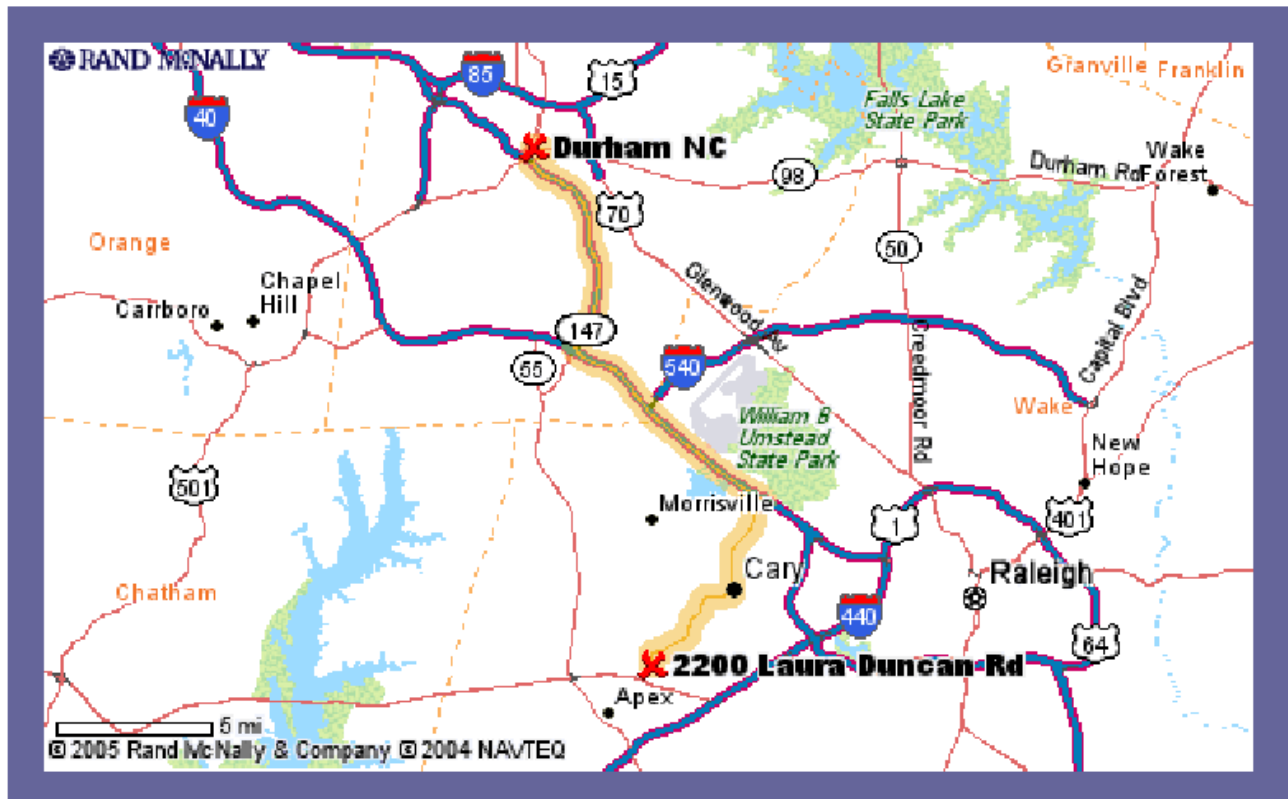
Continue onto Old Apex Rd 3.2 miles.

Turn left onto Laura Duncan Rd 0.4 miles.

You are at 2200 Laura Duncan Rd

From: Durham, NC

To: 2200 Laura Duncan Rd
Apex, NC 27523-9269





“The Entire Indonesian Order will be replaced” said Jack Webster who has been in contact with the Grower.

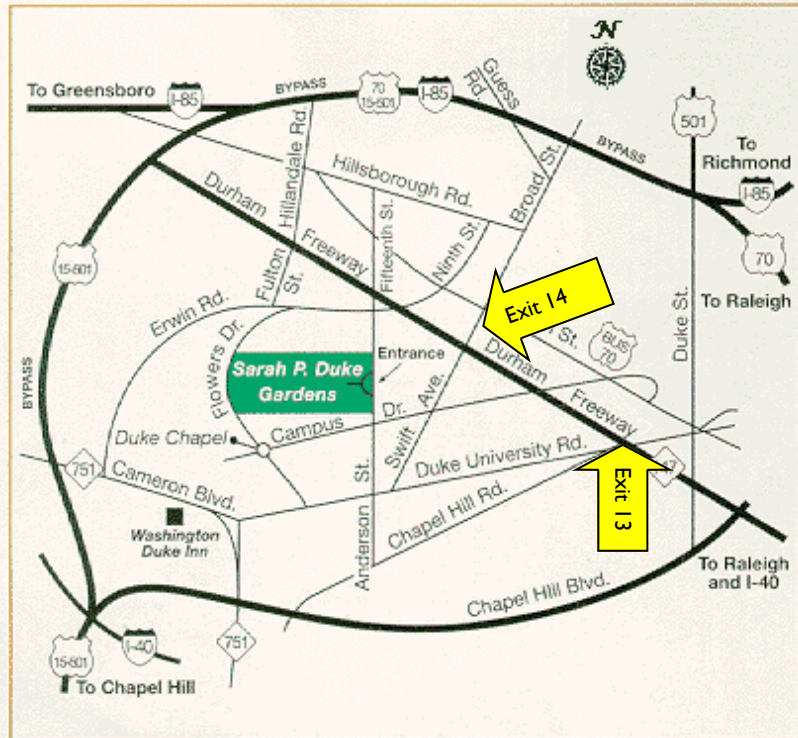
Growers Day will be held at Durham Tech August 6th. For non members or new growers who can benefit from our Expert Growers symposium.

Free Raffle Tickets if you bring up to 5 orchids for the show table

Have Dinner with the speaker. 5:30 PM Monday before the meeting. **Neo China Restaurant** behind Staples, 4015 University Drive Durham. Call Alan Miller 969-1612 before 5PM Monday to make your reservations.

Triangle Orchid Society Meeting Agenda: 7: 7:30 Set Up Show Table and Chairs 7:30-7:45 Business Meeting, Announcements 7:45-8:10 Show Table Review 8:10-8:30 Refreshment Break 8:30-9:20 Program 9:20-9:30 Show Table Awards, Raffle and Door Prizes 9:30 P.M. Meeting Ends	Calendar 2005	Speaker	Topic
	June 13	Milton Carpenter, Everglade Orchids	Warm Growing Cymbidiums
	July 12	John Stubbins Houston, TX	Unusual relatives of Cymbidiums
	August 9	Stan Hutto	Basic Paphiopedilums

Welcome Table		Refreshments
June 13th	Michael Wagner Susan Alexander	Robin and Josh Gurlitz
July 12th	Erin Denoo Adrienne Dowler	Barbara and Stan Martinkosky



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

www.TriangleOrchidSociety.org

Triangle Orchid Society Dues are:

\$18 per year single, or \$24 per year for two persons living at the same address.
 Mail to : Michael Wagner, Treasurer, 15 Wysteria Way, Chapel Hill, NC 27514-1637