



## ***Monthly Meetings***

Fourth Tuesday each month at 6:30 p.m.  
Bethlehem Lutheran Church  
101 E 38<sup>th</sup> Street  
Tacoma, Washington  
[www.tacomaorchidsociety.com](http://www.tacomaorchidsociety.com)

## ***December 2007 Newsletter***

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## ***2007 Officers***

### **President**

Ron Wray  
253-857-7192  
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### **Vice President**

Tammy Moore  
253-847-8296  
tammyamoore@hotmail.com

### **Newsletter Editor, Website & Secretary**

Melissa Rathbun  
253-857-0117  
melissa@tacwa.com

### **Treasurer**

Tina Taylor  
360-275-6975  
tinataylor78@msn.com

### **Show Committee**

Tammy Moore  
253-847-8296  
tammyamoore@hotmail.com

### **Sunshine Lady, AOS Representative & Librarian**

Judy Houle  
No1ladybug@wavecable.com

### **Raffle Table**

Jeannine Sturman  
253-752-2921  
necr2@aol.com

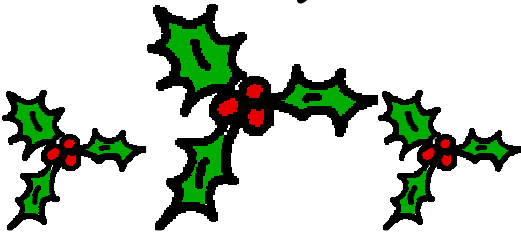
### **Greeter**

Vern Nelson  
253-884-2946  
gayenelson@msn.com

### **Public Relations**

Ron Bollick  
253-537-3829  
ronbollick@aol.com

## *Next Meeting* **TOS Holiday Dinner**



Mark your calendars! The TOS Holiday Party will be Tuesday **December 4<sup>th</sup>** at 6:30pm at the Bethlehem Lutheran Church. It will be a potluck!

## *Last Meeting*

The last meeting was held on November 27th. The evening's program was on Collecting Seeds in China by Kelly Dodson of Far Reaches Nursery. Thank You Far Reaches Farm!  
[www.farreachesfarm.com](http://www.farreachesfarm.com)

## *AOS Judging Center*

The AOS's local judging center is located at the South End Neighborhood Center. 7802 S. L St., Tacoma WA. The center provides opportunities to have plants judged monthly.

Next Judging Center Date:  
December 22<sup>nd</sup> at 1:00 pm

## *AOS Calendars*

AOS Calendars are available. This year's theme is conservation and \$2 of the calendar sales will benefit the AOS Conservation Fund! You can buy them on the AOS Web site: [www.aos.org](http://www.aos.org) or call in you order at 561-404-2021 \$12.95, plus shipping charges. For more information visit [www.aos.org/aos/shop/Calendar2008.aspx](http://www.aos.org/aos/shop/Calendar2008.aspx)

## *Upcoming Events*

January 19<sup>th</sup>-20<sup>th</sup>, 2008

### **TOS Orchid Show and Sale**

Windmill Gardens  
5823 160<sup>th</sup> Ave. E., Sumner, WA  
Saturday 19<sup>th</sup>: Show-12-5pm Sale-9-5pm  
Sunday 20<sup>th</sup>: Show & Sale-10-4pm

January 23<sup>rd</sup>-27<sup>th</sup>

### **19<sup>th</sup> World Orchid Conference**

Miami Florida  
Exhibition Center of the Sheraton  
Miami Mart Hotel  
[www.19woc.com](http://www.19woc.com)

February 20<sup>th</sup> – 24<sup>th</sup>

### **Portland Orchid Society Spring Show**

Portland Metropolitan Expo Center  
2060 N Marine Dr.  
Portland OR 97217  
20<sup>th</sup> –23<sup>rd</sup>: 11-8pm  
24<sup>th</sup>: 11-6pm

March 8<sup>th</sup> & 9<sup>th</sup>

### **Cherry City Orchid Society Show**

Capital, 1955 Dallas Highway,  
Salem, OR

April 5<sup>th</sup> & 6<sup>th</sup>

### **Spokane Orchid Society Show & Sale**

Spokane, WA

April 19<sup>th</sup> & 20<sup>th</sup>

### **NWOS Orchid Show & Sale**

Seattle Center

May 3<sup>rd</sup> & 4<sup>th</sup>

### **SCWOS Orchid Show & Sale**

Kennewick, WA

July 18<sup>th</sup>-21<sup>st</sup>

### **7<sup>th</sup> Native Orchid Conference**

West Virginia University  
Morgantown, WV

## ***Show & Tell Winners***

Species winner: Melissa Rathbun with her *Haraella retrocalla*



Hybrid winner: Fred Shelton with his Blc. George King 'Serendipity'



## ***TOS Officer***

### ***Nominations for 2008***

Elections were held at the November meeting. The TOS officers for next year are as follows:

President	<b>Vacant</b>
Vice President	Melissa Rathbun
Secretary	Tammy Moore
Treasurer	Tina Talyor
Newsletter	Tammy Moore
1 year Trustee	Iris Martin
2 year Trustee	Red Scheyer
3 year Trustee	Jeannie Struman

## ***TOS Minutes***

### ***October 23rd, 2007***

Ron Wray called the meeting to order at 7:15 pm.

#### **Treasurers Report:**

Cash on Hand:	\$ 136.76
Total in Bank:	\$ 3,991.92

#### **Old Business:**

The total profit for the TOS October Orchid Sale was \$918.23.

#### **New Business:**

TOS Membership approved the following:

- 1) The purchase of 50 plants for the TOS Show in January.
- 2) The purchase of 3 folding signs for the TOS Show in January.
- 3) The TOS Show in January will be cash and check only.
- 4) The amount available for speakers has been increased to \$1,000 from \$250 for the year.

## ***Pollinator For Endangered Orchid Found!***



Photo courtesy of Larry Swanson

The October/November 2007 issue of National Wildlife has a short article about a pollinator for the "cigar orchid" (*Cyrtopodium punctatum*).

A U. S. Fish and Wildlife biologist (Larry Richardson) had been pollinating the 15 plants found in the Florida Panther National Wildlife Refuge by hand for the past 13 years. But two years ago he came across some naturally produced seed capsules. A University of Florida at Gainesville student (Daniela Dutra) spent six days in the swamp last spring and caught the culprit - a carpenter bee, *Xylocopa micans*. She thought that it may be the original pollinator but may have been wiped out by spraying in nearby agricultural fields.

## ***First Orchid Fossil Found in Amber***



Photograph courtesy Santiago Ramírez  
Article by Victoria Jaggard

August 29, 2007—For this ancient bee, carrying a flower into the afterlife allowed it to deliver a rare gift to today's biologists.

The extinct species of stingless bee was found encased in amber with a well-preserved part of an ancient orchid attached to its back. The amber, dug up in a mine in the Dominican Republic, is 10 million to 15 million years old.

The pollen-bearing package represents the first known fossil of an orchid, researchers say.

Orchids are the most diverse flowering plants on Earth, with more than 20,000 known species. But until now the flowers have been absent from the fossil record.

In a paper describing the find on 8/30/07 issue of the journal *Nature*, Santiago R. Ramírez of Harvard University and colleagues note that the fossil flower, called *Meliorchis caribea*, belongs to a living group of orchids called *Goodyerinae*.

In addition to shedding new light on the orchid family tree, the find provides "an unprecedented direct fossil observation of a plant-pollinator interaction," the team writes.

For example, when bees visit living members of Goodyerinae, the pollen parts become stuck to their mouths as they take nectar from the lip of the flower. But the fossil pollen was found stuck to the ancient bee's back.

"This indicates that the flower of *M. caribea* was gullet-shaped," the researchers write. "The anterior part of the bee would have had to enter the flower completely."

Victoria Jaggard

## ***TOS 2008 Show & Sale***

The main show of the year is on Jan. 19<sup>th</sup> and 20<sup>th</sup> at the Windmill Gardens in Sumner. The theme is "Enchanted Orchid". Set up will be on the 18<sup>th</sup>. Tammy Moore is heading the Show Committee.

There will be a TOS sales table. To assure credit, members wishing to sell plants must be sure to register with the cashier. Plants "**MUST**" have tags with the member name and plant price on it. TOS will retain 15% of the selling price.

Daphne Vint will coordinate the "Orchid Lunch". This is to feed the judges, vendors and workers during the show. So, we are asking again for volunteers to provide food items. This can be cold cuts, salads, fruit or baked goodies. Let Daphne know what you will be bringing so she can coordinate. Please contact Daphne at 253-858-2406.

## ***TOS Show Calendar***

Friday 1/18/08

- 1) Set up 2- 8 pm
- 2) Plants will be accepted for registration from 4- 8 pm

Saturday 1/19/08

- 1) Ribbon judging begins at 9 pm
- 2) Show is open to the public 12-5 pm
- 3) Sales 9am- 5 pm
- 4) Repotting Clinic 9am- 5 pm

Sunday 1/20/08

- 1) Show and Sale 10am- 4 pm
- 2) Show tear down 4- 5 pm
- 3) Repotting Clinic 10am- 4 pm

**We still need volunteers for the following positions:**

- 1) Set up and Registration
- 2) Ribbon Judging
- 3) Information table: Must have basic knowledge of orchid culture.
- 4) Repotting Table: Must have basic knowledge of repotting. Pots and materials are provided.
- 5) Security
- 6) Tear down

If anyone is interested in helping with the TOS Show, please contact Melissa Rathbun to sign up at 253-857-1028 or [melissa@tacwa.com](mailto:melissa@tacwa.com).

## ***2008 Speakers***

TOS is looking for ideas for Speakers for 2008. If you have an idea for a speaker, fieldtrip or you would be willing to give a presentation, contact Melissa Rathbun at 253-857-1028 or [melissa@tacwa.com](mailto:melissa@tacwa.com).