



NEWS

Volume 23.1– January 2011

From the President

First of all let me all wish you a happy and successful New Year. I hope you all had a pleasant Christmas holiday season. Our 2011 Annual General Meeting in Edmonton is now less than two months away. I hope to see some of you there. I urge those of you who are on member orchid club boards to consider the agenda and to have your president convey your society position either through a representative at our meeting or by proxy to me. So-far the agenda will be a house-keeping one including approval of the 2010 AGM minutes, approval of the 2010 financial report and the 2011 budget, approval of the location of the 2012 Annual General Meeting (the RBG show in Burlington, Ontario in the fall of 2012), Communication alternatives for the COC board and COC representatives, WOC orchid importation guidelines, and the election of officers for 2011/2012 (hopefully mostly the existing ones). I don't anticipate any lengthy or controversial reports as there has not been much time since the last AGM. Please also remember our auction at the AGM. Society donations of orchid related items are most welcome and will help COC as well as the host society finances.

Elsewhere in this newsletter you will find an article summarizing a presentation given at the Ernest Hetherington symposium and AOS meeting at Virginia Beach last October. This article describes the problems faced by small and medium sized orchid nurseries in the USA. Many of these problems impact us equally here in Canada and should be cause for concern to our orchid clubs and hobbyists. Some of our clubs have been losing members for some years now and some of us have seen the results of large wholesalers overwhelming sales at our orchid shows. There are no simple solutions, but it behooves all of us

to be alert to the changes and to adapt our operations to best suit the circumstances. More change is certainly coming and the status quo may not continue to work even for secure, well established orchid societies.

Here are some suggestions you might consider:

1. Innovate, rethink and strategize continuously. Don't wait, deal with it. The same old may be stale or something that has worked for years may work better with a new look or a revamp.
2. Make your meetings fun and social as well as informative. Now that information is freely available on the internet, being fun and social has become more important than ever. Be inclusive, engage potential new members. They are there to meet you.
3. Reach out to your community through advertising, press releases, shows, and education. Most of you already have web sites and use email for your newsletters, but are there other opportunities to reach out through Facebook or Twitter? We are now a multimedia society, you may be missing some people by over concentrating on one medium.
4. Joint venture with your orchid vendors, other horticultural clubs, garden centers, and home shows. Discuss with them how you can help each other.

I am sure there are things that your clubs have done that could be used by other societies. Write us about them so we can share them with the larger orchid community in Canada. COC exists to help us help each other. Do it now!

- Peter Poot

Notice Board

COC AGM 2011

Orchid Fair, the Orchid Society of Alberta's Annual Show and Sale, will take place Friday to Sunday, February 25 to 27, 2011 at Grant MacEwan College South Campus, 7319-29 Avenue, Edmonton. The show will feature spectacular orchid displays, orchid vendors from Canada, the United States and Asia, and free seminars on orchid growing and related topics. This year, we are also proud to host the Canadian Orchid Congress Annual Meeting in conjunction with our show. For more information, e-mail info@orchidsalberta.com, or check the OSA website, <http://www.orchidsalberta.com/>

Lynne Copeland
Advertising Chair, Orchid Fair 2011
Orchid Society of Alberta

CONFERENCES

The 4th International Orchid Conservation Congress "Orchids in a Changing World" is planned for May 29–June 4, 2011 in Hluboká, Czech Republic. Field trips to orchid-rich sites in the Czech Republic will be featured where participants will have the opportunity to both see orchid habitats and speak with conservation managers. This is an excellent opportunity to share your experiences and perspectives, and to see a wealth of orchids and other plants growing in interesting landscapes. For more information, to register, or to submit an abstract please visit www.iocc4.cz

The 4th Scientific Conference on Andean Orchids is scheduled for Guayaquil, Ecuador, in 2012. Details to follow. The Proceedings of the Third Scientific Conference on Andean Orchids should be published in early 2011.

The 20th World Orchid Conference will be held in Singapore, Nov. 13-20, 2011. A Conservation Symposium is planned for Nov. 15, 2011. For more information: <http://www.20woc.com.sg/site/>

Material in this newsletter or on the COC website may be reprinted in society newsletters - just make sure you attribute the author and the COC.

2011 COC TRAVEL GRANT

We will be accepting applications for the 2011 Travel Grant from Jan. 3/11 until March 16/11. The application form and instructions/conditions are on the COC website. We don't need a signature on the application form this year, only a name and contact information, so you can e-mail me your application.

ONLY FIVE SOCIETIES WILL RECEIVE THE GRANT THIS YEAR SO GET YOUR APPLICATIONS IN EARLY. PREFERENCE WILL BE GIVEN TO SOCIETIES WHO DIDN'T RECEIVE THE GRANT LAST YEAR. -Gail Schwarz

PEI Speaker

Greetings from beautiful PEI! On August 16, Mr. John Doherty from Zephyrus Orchids gave an informational and detailed presentation on *Paphiopedilum sanderianum* complete with many beautiful photographs. There were approximately twenty-five members in attendance. John also had many orchids for sale which were quickly bought by our enthusiastic club members.

Thank you to the COC for providing us with the travel grant and to the Orchid Society of Nova Scotia for sharing with us. Being a geographically isolated club, we are dependant on guest speakers coming from other provinces to help us learn and grow within our club.

We are hopeful that John and his family had a lovely Island holiday and that they will return another summer.

Andrea Studzinski, PEI Orchid Club

Lynne Cassidy

Just thought that the orchid folks in Canada might like to know that Lynne Cassidy is fighting an ongoing battle with ovarian cancer. She has been in the White Rock Peace Arch Hospital over Christmas. If people would like to extend their best wishes, her address is: 16077-16 Ave., Surrey, BC V4A1S3;

ph. 604-536-8185; email: lynne.cassidy@telus.net

Merv Lutes

The Fate of the Commercial Orchid Industry in the USA

The Fate of the Commercial Orchid Industry in the USA, John Salventi (October 29, 2010) from notes by Inge Poot and Jean Hollebhone.

Mr. Salventi operates Parkside Orchid Nursery, one of the largest multi-genera orchid nurseries in the northeastern USA with five greenhouses with over 14000 square feet of growing space. He spoke at the AOS Fall Members meeting symposium at Virginia Beach. The talk was based on a survey questionnaire of 37 US growers who had been in business from 5-90 years. Instead of the usual 30% response that surveys can be happy with, the speaker had a 74% response rate. Not only was the response unusually high, but the respondents were willing to respond in detail and at length- all a sign of their great concern. This talk contains food for thought for orchid growers as well as orchid societies.

History:

Orchids are now the number one pot plant crop in the USA surpassing the booming poinsettia trade. Yet in spite of this, 30% of growers are expected to fold within the next five years.

Historically speaking, orchids got their start as house plants in England where 50 % of the well-to-do homes of 100-150 years ago had greenhouses. Very few of comparable homes in the USA had greenhouses. Up to 1909 when symbiotic fungi were used to grow orchids from seeds in vitro there was almost no growing of orchids from seed. The next big advance came in 1922 when Knudson figured out how to replace the role of fungi with nutrients in agar slants to grow orchids from seed in now unlimited numbers. At that time plants were grown for the cut flower trade and this innovation caused a big increase in commercial cut-flower growers, but a decrease in the number of hobbyist growers.

In 1980 the focus shifted to the mass market using the new method of mericlone. The first orchid to be mass mericlone was Vuylstekeara Cambria 'Plush' of which about 100,000 were produced in the Netherlands. Pot plants of orchids became lucrative with this new method of reproducing attractive clones, but as the science began to be applied to this crop, its mystery declined.

By 1998, 66 million orchid pot plants were produced and these numbers climbed to 120 million by 2004, but in 2005 the year of the greatest number of hurricanes recorded in the history of the USA, the orchid industry was literally swept away and took a couple of years to recover.

In all this a curious trend was observed: the number of orchid vendors advertising in the February issue of the AOS bulletin increased to a maximum of 120 in 1980 but from then on started to decline – to 75 by 2000 and down to 16 in 2010 and only about 7 of the original 120 remain. However the source index of the AOS still lists 90 sources in 2010, but most of them are open by appointment only – in spite of the fact that 2010 is the year when orchid sales first topped poinsettia sales and became the number one pot plant.

Threats/Competition

1. The “Mega” growers such as Kerry’s bromeliads, Costa Farms and Gallup & Stribling in Florida, DeLeon’s, Matsui, Chisan and Rocket Farms in California and United Orchids Plus (Yu Pin) in many locations.
2. Same size growers growing similar inventory.
3. Hawaiian growers don’t have to heat or build expensive greenhouses.
4. Box stores and grocery stores sell orchids so why should the housewife who represents the mass market go anywhere else? Their plants are great when they arrive but three days later they look beat up and are eventually destined for the trash can.
5. Internet brokers: people who often do not know a thing about orchids but buy a big plant, cut it up into many small pieces and sell those on the internet to the technically savvy young generation who would never think of going to an orchid grower to buy an orchid. With the lack of or misleading advice they get from the broker or other posters on the internet, their plant will most likely die and with it their interest in orchids.
6. Flower shops and Non-Orchid nurseries carry orchids.
7. Orchid Societies’ “annual auction” get donations and/or buy huge coffins full of orchids from huge growers all at prices that the ordinary commercial orchid grower cannot match.

As orchid society members age they will often reduce their collection by donating their plants to the society auction or raffles. Again this increases competition.

Practices that Devalue Orchids:

1. Selling practices in box stores.
2. Some mega-growers over-produce and sell below wholesale prices.
3. It is a “badge of honour” at some orchid societies to buy these bargains.
4. There is impulse buying because some plants were offered somewhere so cheaply.
5. Backyard hobby growers produce plants with no overhead to deal with.
6. Dumping at shows: at end of show many sellers reduce their prices drastically so as to not have any stock to take back home.
7. In 1992 hurricane Andrew wiped out 43.6 acres of orchid growing space –mostly smaller growers.
8. The grab of market share by huge growers:

a) Taisuko, a large company in Taiwan, with the help of their government took up growing the profitable Phalaenopsis orchids, when their sugar product became unprofitable.

b) The enormously large company Kerry's Bromeliads, has gradually changed over from bromeliads to the faster and more profitable crop of Phalaenopsis. They have been in business since 1971 and have been changing to orchids for the last 35 years.

c) Matsui, with headquarters in Salinas, CA grows 98% orchids in 300 greenhouses in various locations to reduce shipping costs. For example they have 2.5 acres in Sewell, NJ and are increasing their total 3,000,000 square feet or 68.9 acres by 2.3 acres in November 2010 in Sewell, NJ. They have 24 million in gross sales per year, employ only 200 people but produce 10-12 million plants per year.

9. Large growers from Hawaii with 4 acres of growing space producing about 250,000 plants per year under conditions that have very little heating and building costs.

Customer Base Changes:

-numbers have reduced significantly

- there is a viable hobby base left.
- decline in orchid society membership
- decline in wholesale customers
- there are large numbers of less sophisticated customers.
- a small group of customers is emerging that want rare, higher priced quality plants.
- small groups of niche growers are maintaining a reasonable base.
- when it comes to price, customers have always wanted best quality at a reasonable price.
- the past customer base is greying, the young tend to use the internet to buy.

Comparing plants bought by hobbyists and plants destined for the pot plant trade:

Pot plants must mature rapidly, meet the price point, be compact in growth and flowering habit, have colourful and long-lasting flowers, be easy to maintain and only have to last through the dinner party on the weekend. Fragrance is a bonus selling point.

Hobbyists plants need to be quality plants, have flowers of good form, have award potential or at least be show quality, they must have a name so the lineage can be traced and they must be virus free.

Major Challenges:

- Reaching the younger orchid collector
- finding new customers
- combating the flood of cheap orchids (even coming in by cargo container)
- finding a unique inventory
- dealing with foreign competition
- managing costs

Strategies for small (up to 9,000 sq ft), medium (10-20,000sq ft ; 4/10 -5 acres) and Large (5-10 acres) nurseries:

They are no longer in a growth mode, but are often downsizing and must:

- Reduce inventory, often choosing to specialize, e.g. no Phalaenopsis.
- Reduce growing space, especially in winter
- Become more energy efficient
- Reduce staffing
- Make the operation more efficient, e.g. shop around for cheaper insurance and basic supplies

Strategy Challenges for Inventory:

- reduce inventory intended for hobby grower
- change inventory to more efficient plants for the climate
- grow large plants
- reduce cloning runs
- change to "unique" plants, often also growing non orchids

Strategy Changes for Marketing:

- need internet presence to expand, e.g. e-newsletters, e-Bay, Amazon.com
- increase events, e.g. more speaking tours, speaking to non orchid events such as garden clubs, master gardener events
- participate in non-orchid events
- be present at master gardener's events
- send out mailers
- create or increase events at the nursery

How Advertizing \$ Were Spent By the Survey Respondents:

20% AOS source directory, 20% on website, 18% in orchid publications, 15% in local publications, 10% in monthly newsletter, 10% in editorial, rest in various other ways.

Strategy Changes:

- reduce emphasis on hobby growers
- assemble consignments
- do interior landscaping
- hold internal events
- do external events such as weddings
- boarding or renting out plants can be lucrative to disastrous
- How often are strategies changed? The majority change it constantly and only very few do it never, as needed annually or every 6-7years

Strengths:

- buyers show a preference for "legitimate vendors"
- small, medium and large vendors can offer personal customer service
- some customers come in with virus testing kits!

What is the fate of the variously sized commercial growers?

there will be a significant reduction in small, medium and large nurseries-
increase in the size of mega nurseries.

Characteristics of the Survivors?

- low production costs for all sizes
- for mega nurseries, reduce production costs by pennies per plant, e.g.: no labels, integrate the operation vertically by buying the lab, buying the distribution system and growing out at least 200,000 flasks/month
- for small to medium nurseries: by branding themselves, providing services such as repotting and having a quality product at a reasonable price.
- there is concern orchid societies may lose members as the availability of super cheap plants leads to a disposable culture... use and discard, the challenge is to keep societies relevant, to attract members by embracing new technologies

Reading on the subject:

Orchid Digest, Volume 73 #4, article by Harold Koopowitz

Orchid Digest Volume 74 #1, with a rebuttal

Last Word:

The marketplace will continue to change at an exponential rate and become even more competitive.

LANKESTERIANA

International Journal on Orchidology

Lankesteriana, Lankester Botanical Garden's scientific journal, has been devoted since 2001 to the publication of articles on botany, with special attention to epiphytic plants and orchid systematics, ecology, evolution and physiology, along with book reviews and conferences on these subjects. Since 2007, the journal focused exclusively on scientific papers on orchidology. Lankesteriana is a peer-reviewed journal that publishes original works in English and Spanish, and it is distributed to more than 350 institutions worldwide.

Available for download at:
<http://www.lankesteriana.ucr.ac.cr/>

The COC Annual Meeting 2011

The Orchid Society of Alberta is proud to host the Annual Meeting of the Canadian Orchid Congress in 2011. We invite you to attend the COC meeting and Orchid Fair, our 34th annual orchid show and sale, on February 25 to 27, 2011 in Edmonton.

Our AOS-judged show is the largest in western Canada, with 4600 square feet of orchid display space and 4600 square feet of sales area. This year we will have an especially good lineup of international and domestic orchid vendors, as well as an expanded program of speakers for beginning and advanced growers. Orchid Fair also features judged competitions for orchid-related photography, art works and cut flower designs.

All participants are invited to attend our Show Banquet on February 26 for a night of good food, good fun and good fellowship. The banquet will include the traditional Silent Auction fundraiser in support of the COC.

In addition, we are pleased to offer COC delegates a tour of the Orchid Species Preservation Foundation's collection of species orchids. Based at the Muttart Conservatory in Edmonton, the OSPF's state-of-the-art facility is home to many spectacular, award-winning specimens.

Check out our website, www.orchidsalberta.com, for more information on Orchid Fair. We hope you can join us in February for a truly memorable orchid experience. Start planning your trip to Edmonton now!

Darrell Albert
President and Show Chairperson
Orchid Society of Alberta

Repotting Illustrated

<http://www.repotme.com/orchid-repotting/Orchid-Repotting-Cattleya.html>

<http://www.repotme.com/orchid-repotting/Orchid-Repotting-Ludisia.html>

<http://www.repotme.com/orchid-repotting/Orchid-Repotting-Phalaenopsis.html>

Orchid Society of Alberta
ORCHID FAIR
2011 Annual Show and Sale
Friday, February 25 - Noon to 8 PM
Saturday, February 26 - 10 AM to 5 PM
Sunday, February 27 - 10 AM to 4 PM
MacEwan South Campus
7319-29 Avenue, Edmonton

We are proud to host the Annual Meeting of the
CANADIAN ORCHID CONGRESS



Free Parking Admission \$10 Under 12 Free
www.orchidsalberta.com

Flower Recognition on a Cellphone

From OGD:

Date: Sat, 6 Nov 2010 18:03:15 +0100
Subject: Flower recognition: Looking for Android owners
From: Frederick Depuydt<fdepuoydt@gmail.com>

Hi all,

Over the past few weeks I've been allocating time for a side-project: Rumphius. It's a tool that will be available as an Android mobile phone app: you point your camera at a flower, take a picture and the image is analysed. Then the server is contacted and responds with the plant's ID.

The software is becoming stable and I'm looking for people who wish to help by testing it in the field (or greenhouse). If you're interested, please send me a mail with the version of Android your phone is running (Menu> Settings> About Phone> Firmware version). I'll get back to you in the second half of November.

Background info: <http://culturesheet.org/rumphius:project>

Fred

20th WOC SINGAPORE 2011

20TH WORLD ORCHID CONFERENCE 13 - 20 NOVEMBER 2011

Event name: 20th World Orchid Conference

Theme: Where New and Old World Orchids Meet

When: 13-20th November, 2011

Where: Singapore

For more information, please visit:
www.20woc.com.sg

Singapore is pleased to host the 20th World Orchid Conference (WOC) from 13 to 20 November 2011 at the Marina Bay. The WOC has the support of The World Orchid Conference Trust, Singapore Orchid Society, National Parks Board of Singapore, and the Singapore Exhibition and Convention Bureau. Themed "Where New and Old World Orchids Meet", the Conference will feature a strong scientific programme, complemented by a series of symposia and forums that will meet the needs of both commercial growers and hobbyists. Organised alongside the Conference is the Orchid Show. The Exhibition promises to be a spectacular showcase of the finest species and hybrids from the region and beyond.

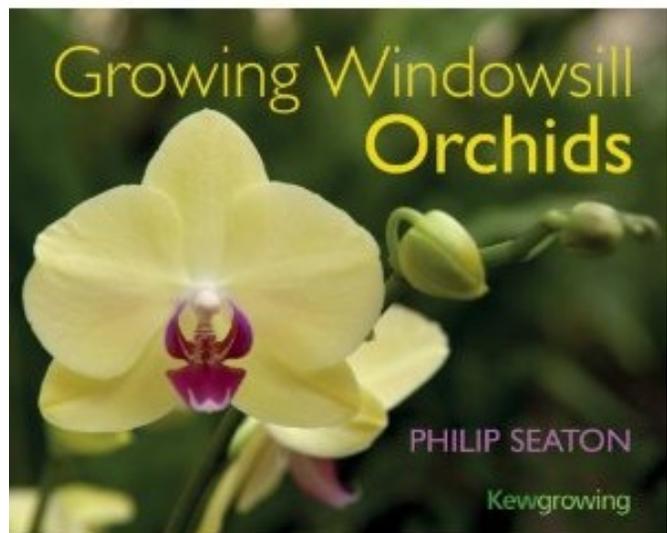
New COC Executive

Secretary: Claudia Lister

Claudia attended the 2010 Orchid Congress as Prince Edward Island Orchid Club's official delegate and was surprised to be elected secretary of the COC.

She has practised as a companion animal veterinarian in PEI for over 30 years. During her spare time, she has been active as a volunteer with a number of organizations at both provincial and national levels. These included president of the PEI Veterinary Medical Association (first woman to be a president of a veterinary association in Canada), president of the Canadian Goat Society when they raised purebred dairy goats, 12 years in Guiding working with youth with stints as Adult Training Director and Provincial Treasurer, and 12 years as a volunteer with EF Foundation working with international exchange programmes. She is dedicated to lifelong learning and completed a Spanish degree while owning and operating her veterinary practice.

Her first "real" orchids were a gift from one of their four daughters. Two years ago, after selling her practice, she needed to find a new passion to fill the extra time. Given the look of their sunroom and the growing number of orchids, one would say she has discovered it and that passion is growing orchids. She knows she has a lot to learn but looks forward to doing so with the help of the local Orchid Club and the COC.



Written in non-technical language and copiously illustrated with line drawings and full-color photographs, *Growing Windowsill Orchids* is the perfect primer on everything the orchid novice needs to know to cultivate these perennial favorites in the home.

Philip Seaton is a former editor of the *Orchid Review*.

An Orchid by Any Other Name

– submitted by Ed Cott, Windsor Orchid Society

I often wonder how hybridizers and award winners decide on a name for their plants when called upon to give one. Sometimes it's obvious but many times it is a mystery. A couple of years ago, I had acquired a very small seedling of an orchid hybrid from a grower I had come to know in Florida. The cross was between Ryncattleanthe (syn Blc.) Orange Nuggett (from R.F. Orchids) and Cattlianthe (syn Slc.) Galaxy Belle (from T. Orchids). I am partial to the compact cattleyas and especially to those of orange and yellow. I pampered this fragile seedling for more than two years and on October 1 of this year it rewarded me with two beautiful blooms. They were brilliant orange for the most part and they also displayed hues of yellow at the base of the lip and maroon along its ruffled fringes and along the outside edges of the petals and sepals. If this special cross blooms each year at this time, its colours are certainly well-suited for the autumn season.

The Fall is my favourite season – due in part to my partiality toward the colours that dominate it but also because of my intolerance of the heat. Certainly this year, October brought some relief with it. At the same time the Fall is filled with sentiment for me because it was 15 years ago this year that my father passed away after having been ravaged by a relentless cancer that showed no mercy. It defeated a man who had shown undaunted strength in dealing with the many tragedies that marked his life. His father died when he was quite young and at a time when his siblings had already ventured out and had established a life of their own. So it fell upon him to help support his aged mother and maintain the meagre family farm. He volunteered to enlist when the Nazi's invaded Europe and was a gunner in the Royal Canadian Air Force at the age of 19 until a serious injury brought him home. He then married and, along with my mother, raised 5 children who, in my mind, turned out pretty good. To provide for us, he had a full-time job as a tool & die maker and also played guitar (he came from a musically inclined family) in a band that performed on weekends at weddings and parties to earn extra money – he abruptly gave up music once his full-time job was enough to ensure that we lacked none of life's necessities. His only brother, and his best friend, chose suicide over a lonely existence as a widower and Dad put up a strong front to handle the job as

executor, never being able to fully grieve for his loss.

My relationship with my father was not everything I wish it had been. Don't misunderstand me – I admire (d) and love(d) him. He was devoted to his family, a constant provider and protector. Conversations were awkward between us because, I thought, we had little in common. He was a hunter, a pastime he carried from his youth when he managed the farm and provided for his mother. It was his passion and he looked forward to it every September. Now, in retrospect, I realize that we did share that appreciation for the Fall season. In the summer months, before duck hunting season opened, he would spend hours tending to his roses and vegetable garden. It was from him that I gained my appreciation of the therapeutic value of tending to your plants. And so, we shared that as well.

So you are probably wondering where I am going with all this rambling. Well, back to that first bloom seedling I talked about in the beginning. As I said, the intense colour of it reminds me of the season and all the sentiments that go with it, especially my Dad. And so, with the help of my friend, the Florida orchid breeder, I started the process of having the orchid hybrid named after my Dad. Today, on the anniversary of his passing, a letter arrived from the Royal Horticultural Society notifying me that my application had finally been accepted and that my once untitled, first-bloom seedling is now to be known as Ryncattleanthe (Blc.) Memoria Wilfred Cott. Happy hunting Dad – if only you were here, we'd have so much to sit and chat about.



Ryncattleanthe (Blc.) Memoria Wilfred Cott

COMING EVENTS

2011

Feb 12-13: The Southern Ontario Orchid Society
The 32nd Annual SOOS Orchid Show at the Toronto Botanical
Garden, Edwards Gardens. "<http://www.soos.ca/>"

Feb 25-27: Orchid Society of Alberta "Orchid Fair", at Grant
MacEwan College South Campus, 7319-29 Avenue, Edmonton.
This year, we are also proud to host the Canadian Orchid Con-
gress Annual Meeting in conjunction with our show.
"<http://www.orchidsalberta.com/>"

NOTE: The RBG show has been moved to the Fall.

March 3-6: Victoria Orchid Society Show in the Student Union
Building, University of Victoria. Show Chair is Svend Munk-
holm redvikingorchids@telus.net.
"<http://victoriaorchidsociety.ca/>"

March 19-20: London Orchid Society at Mother Teresa Catho-
lic Secondary School, 1065 Sunningdale Road East, London.
"<http://los.lon.imag.net/>"

March 25-27: The Manitoba Orchid Society Annual Show and
Sale at the Assiniboine Park Conservatory. For more informa-
tion, email: secondvp@manitobaorchidsociety.ca
"<http://manitobaorchidsociety.ca/index.php>"

April 9-10: Les Orchidophiles de Montreal Orchidexpo,
College de Maisonneuve, 2700 Bourbonniere St., Montreal,
Quebec. Information: Andre Poliquin mor-pol@sympatico.ca
"<http://orchidophiles.qc.ca/>"

April 16-17: Les Orchidophiles de Quebec at the Pavillon Envi-
rontron, 2480 Blvd. Hochelaga, Sainte Foy.
"<http://orchidophilesquebec.levillage.org/>"

April 16-17: The Annual Toronto Artistic Orchid
Association Show, Chinese Cultural Centre, 5183 Sheppard
Ave., East (Markham Road)
Email: Louisa Fung louisafung@rogers.com
"<http://www.taoa.ca/>"

April 23-24: The Ottawa Orchid Society Show at the
Nepean Sportsplex, 1701 Woodroffe Avenue, Nepean, Ontario.
Contact Dave Cooper (613-256-2853; orchidae@storm.ca)
"<http://www.ottawaorchidsociety.com>">

Sunday Aug 7: SOOS Summerfest at the Toronto Botanical
Gardens. All Orchidists Welcome. "<http://www.soos.ca/>"

International Shows

Nov 13-20/2011: 20th WOC Singapore 2011
"Where New and Old World Orchids Meet".
Start planning now. "<http://www.20woc.com.sg/site/>"

**COC Web Site - <http://www.CanadianOrchidCongress.ca/>
This newsletter may be found there.
Please send in your show information: date, location, contact, etc.**

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COCnews

The purpose of COCnews is to inform members of the meetings, policies of the COC, to profile members, and to provide technical information regarding happenings, trends and techniques in orchid cultivation across the country and around the world.

We welcome your suggestions and contributions. Deadline for each issue is one month before the issue dates previously announced.

Recipients of this newsletter are strongly urged to pass a copy on to other members of their society