



Ottawa Orchid Society  
P.B. 38038,  
1430 Prince of Wales Drive  
Ottawa, Ontario  
K2C 1N0

[www.ottawaorchidsociety.com](http://www.ottawaorchidsociety.com)

### BOARD OF DIRECTORS

President / Editor:

Rick Sobkowicz

613-825-0827 / [ricksobkowicz@rogers.com](mailto:ricksobkowicz@rogers.com)

Vice President:

Gerry Duffield

819-684-8487 / [G.J.Duffield@sympatico.ca](mailto:G.J.Duffield@sympatico.ca)

Treasurer:

André Couture

613-233-7335 / [andrec.couture@sympatico.ca](mailto:andrec.couture@sympatico.ca)

Secretary:

Janet Johns

613-749-0614 / [johnjns@sympatico.ca](mailto:johnjns@sympatico.ca)

Membership:

Teresa Lafleur

613-726-1477 / [jelliss.lafleur@primus.ca](mailto:jelliss.lafleur@primus.ca)

Librarian:

Jane Thompson

613-839-0071 / [jhmthompson@yahoo.ca](mailto:jhmthompson@yahoo.ca)

Program:

Julie Mertens

819-684-5311 / [julie\\_mertens@videotron.ca](mailto:julie_mertens@videotron.ca)

Show Chairman / Webmaster:

David Cooper

613-256-2853 / [orchidae@allstream.net](mailto:orchidae@allstream.net)

Past President:

Anna Bilsky

613-728-4202 / [humbil@primus.ca](mailto:humbil@primus.ca)

COC Representative:

Jean Hollebhone

613-226-2395 / [jhollebhone@sympatico.ca](mailto:jhollebhone@sympatico.ca)

AOS Representative:

Margaret Haydon

613-825-0827

Conservation Representative:

Marilyn Light

819-776-2655 / [milight@igs.net](mailto:milight@igs.net)

Publicity:

Richard Aubert

613-728-9890 / [raubert@sympatico.ca](mailto:raubert@sympatico.ca)



This month's meeting...

**Sunday, October 21, 2007 @ 1:30 p.m.**  
**Tom Brown Arena, 141 Bayview, Ottawa**

#### "A Do-it-yourselfer Orchidist's Guide to Lights and Fans"

In tropical places like Florida, orchids will grow in your backyard with minimal fuss. In Canada, well... let's just say that it's not quite as easy as that, and we're not all lucky enough to have greenhouses. Many of us grow in a windowsill where sunlight is limited, especially in winter, and space is even more limited. This month, our new Vice President, Gerry Duffield, an admitted do-it-yourselfer, will share his knowledge and common sense approach to lights and fans. Gerry will give us an actual demonstration of how you too, with a hammer, a screwdriver and bit of know how, can build your own lightstands and fans, all much more affordably than you think. And could Gerry's timing be any better, with fall days already quite a bit shorter?

#### Orchids 101

Orchids 101 for beginners (and those looking for a refresher) begins at 12:30 p.m. sharp. September's topic is "The Importance of Light in Growing Orchids". With Marilyn Light speaking to orchid societies in Western Canada, Michael Lum will be giving this course.

And don't forget to bring your blooming orchids to our monthly show table.

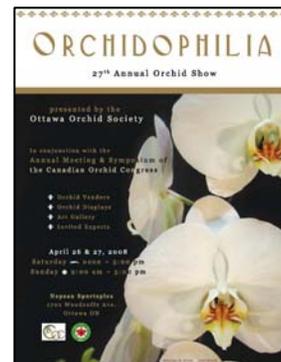
***The Ottawa Orchid Society meets every third Sunday of every month from September to May inclusive at 1:30 P.M. at the Tom Brown Arena, 141 Bayview, Ottawa. Guests are welcome.***

***MEMBERSHIP: \$25 from September 1 - August 31.***

## **A NOTE FROM THE PRESIDENT (AND EDITOR)**

September started off on a great and positive note with a dynamic and entertaining out-of-town speaker who had a lot of invaluable cultural information to impart and interesting orchids for sale at very, very reasonable prices. Great job, Julie! Julie Mertens has been lining up speakers for monthly meetings and organizing activities that will be of great interest to Society members. She is also busy organizing other events to attract new members to our Society and orchid growing. These activities will be published in Spike as things are finalized. Don't be shy to tell your friends who are not members of the Society about these activities.

Our upcoming 27th Annual Orchid Show and Sale in 2008 will be an especially important event. The Ottawa Orchid Society will be hosting the Canadian Orchid Congress (COC) Annual Convention and Symposium in conjunction with our show. These two events will likely attract a lot of members of other orchid societies to come to Ottawa for their first time. The organization under Jean Hollebhone for the COC Symposium is going very well. More details will be forthcoming over time on the speakers and the special auction that will be held in conjunction with the COC banquet. Very special orchid plants will be auctioned with the funds raised at this auction to be split 50/50 between the COC and our Society. To get these plants you must be at the banquet.



We hope that more members of our Society will participate at our upcoming annual show by erecting their own personnel displays to showcase the magnificent plants in their collections and what we can do with them. Its not too early to plan and you can begin by looking at what others are doing at other orchid society shows. The Eastern Canada Orchid Society (ECOS) in Montreal is hosting their annual show at the Days Hotel, 1995 Rue Guy, Montreal this coming October 27-28. Be sure to bring along your orchid society membership card to get a reduction on the admission price. While talking about membership cards, if you haven't renewed your membership in the Society could you please do so at the October meeting. This will greatly help our membership co-ordinator, Theresa Lafleur.

Finally, this will be the last hard copy newsletter Society members will be receiving by mail unless you do not have access to a computer with an Internet connection. Our newsletter will be posted every month on the Society's web site, [www.ottawaorchidsociety.com](http://www.ottawaorchidsociety.com), approximately one week before our monthly meeting. This measure is being undertaken to reduce our annual operating expenses. There are many costs associated in running an organization such as our Society. Our annual membership dues have not been enough for quite a few years to cover our expenses and we have been entirely dependant on profit made from our annual show to cover all our Society expenses. However, show costs increase each year and we have to consider new ways of either saving money or increase our revenues. We are reluctant to increase revenues as this simply means someone else has to pay more, whether it is in membership dues, admission to our show, or the percentage the Society collects on the sale of members' plants and vendors' sale tables. Last year, the cost of producing and mailing Spike to Society members cost the Society approximately \$2,400. Publishing and mailing out Spike to members and others is a major annual expense. We hope that by posting the newsletter on the web, we will significantly reduce this cost and have more money to finance other Society activities. We realize that there are a few members who do not have access to either a computer or a computer with internet access. If you do not have access to the Internet and need to continue to receive the newsletter by regular mail, please advise the membership co-ordinator, Theresa Lafleur, at the October meeting or call her. Contact info for Theresa is on the front page of the newsletter. Theresa will ensure that these members will continue receiving the Society newsletter by mail. We hope that the vast majority of members will elect to get their newsletter directly from the Society website.

Hope to see you at the October meeting!

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## **SOCIETY BULLETIN BOARD**



### **NEW MEMBERS!**

A hearty welcome is extended to the following new members who recently joined our Society:

Lisa Allard

Amy Arts

Marianne & Chris Bowman

Rick Czapelka

Stoyanova Denitya

Ellynn Dickson

Arlene Lang & Janet Lang

Mike Woods

Don't forget to renew your annual Society membership. You can provide your payment to Theresa Lafleur, the Membership Coordinator, at the October monthly meeting or mail your cheque to the Society mailbox address on the front of Spike.



### **HOSPITALITY PERSON REQUIRED FOR MONTHLY MEETINGS**

We need some member or members to look after the refreshments area (the small kitchen at the back of the Tom Brown Hall) at our monthly meetings. This task requires looking after the tea and coffee, getting cookies and other supplies, and setting things up for the pleasure and enjoyment of members. Our thanks to Terez Paksi who has been looking after this. Unfortunately, she is unable to continue in providing this very much appreciated service. If anyone would like to help, please speak to the Society President.



### **A NOTE FROM THE LIBRARIAN**

It is the start of a new season of meetings for the Orchid Society, so as new Librarian I would like to welcome members to take advantage of a great selection of books in our Library. I would also encourage members to check through the catalogue on the web site - it can be viewed in various forms, i.e. 'author', 'subject matter' etc, as this will give you a complete list of our collection. If you see a book you would like to take out please e-mail me and I will put the book aside and bring it to the upcoming meeting. At the present time we have a rule of only one book per person per month and a new book will only be loaned out if there are no outstanding loans under the member's name. A selection of current periodicals will be brought to the meetings and placed on the reading table; these will not be loaned out until they are 2 to 3 years old. So please ask if you wish to read any older periodicals we have in the collection.

Jane Thompson



### **OOS ANNUAL AUCTION – November 18, 2007**

A reminder that the Society will be holding its annual auction next month. We invite all of you to bring donations such as orchid books, orchid supplies, and orchids members may wish to offer up to the highest bidder. Plant divisions are especially welcome and greatly desired but we ask that members take care not to donate plants with pests or viruses.

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## ***A VISIT TO THE MONTREAL BOTANICAL GARDEN***

Just picture it: you, in a greenhouse filled with thousands of exotic plants (including many orchids, of course) and colourful, fluttering butterflies, while a gentle snow falls outside. This is what we're proposing to you for Saturday, February 23, 2008 when we'll be visiting the Montreal Botanical Gardens. A small coach bus will be leaving at approximately 7:30 a.m. on February 23 and dropping us off at the botanical gardens for a very special behind the scenes tour of their orchid collection and production greenhouses. We'll then head off for a bite to eat before visiting Le Paradis des orchidées, a large orchid business located in Laval. They attend our show every year and delight us with blooming plants. We'll learn about the biological control of pests and how to do it in a home environment. This will also be a great place to pick up a flowering souvenir or two... We'll then head off home, filled with memories.

The cost per person will be \$50, which will cover your transportation and all guided visits. We will start taking registrations at this month's meeting, where a 50% non-refundable deposit will be required. This activity will be limited to 26 people and spots will be assigned on a 'first come, first served' basis. For additional information or to register, please contact our Program Chair, Julie Mertens, at (613) 323-0460 or by e-mail at [julie\\_mertens@videotron.ca](mailto:julie_mertens@videotron.ca).

## SHOW TABLE JUDGING RESULTS – September 16, 2007

Alliance	Prize-winning plants	Grower
CATTLEYA, judged by Michael Lum	1 <sup>st</sup> prize: * <i>Prosthechea. citrina</i> (syn. <i>Enc. citrina</i> )	Uli Schmidt
	2 <sup>nd</sup> prize: <i>C. Pradit Spot</i>	Angèle Biljan
	2 <sup>nd</sup> prize: * <i>Prosthechea radiata</i> (syn. <i>Enc. radiata</i> )	Uli Schmidt
	3 <sup>rd</sup> prize: <i>C. Sagarik Wax</i>	Janet Johns
DENDROBIUM, judged by André Couture	1 <sup>st</sup> prize: <i>Den. Jacquelyn Thomas</i>	George Cook
	2 <sup>nd</sup> prize: <i>Den. Winter Frost</i>	Angèle Biljan
	3 <sup>rd</sup> prize: * <i>Den. aphyllum</i> (syn. <i>Den. pierardii</i> )	Angèle Biljan
ONCIDIUM, judged by André Couture	1 <sup>st</sup> prize: * <i>Odcdm. Everglades Elegance 'Nancy Lee'</i> HCC/AOS * Note the clonal name and award	Geraldine Hebert
	2 <sup>nd</sup> prize: <i>Bllra. Eurostar</i>	Angèle Biljan
	2 <sup>nd</sup> prize: <i>Milt. Anne Warne</i>	George Cook
	3 <sup>rd</sup> prize: <i>Odm. Violetta Von Holm 'Bianca'</i>	George Cook
PAPHIOPEDILUM, judged by Michael Lum	1 <sup>st</sup> prize: * <i>Paph. Neptune 'Mars'</i> AM/AOS * Note the clonal name and award	Angèle Biljan
	2 <sup>nd</sup> prize: <i>Paph. No name</i>	Linda Schopf
	3 <sup>rd</sup> prize: <i>Paph. (Redhawk x rothschildianum)</i>	Angèle Biljan
PHALAENOPSIS AND DORITAENOPSIS, judged by Michael Lum	1 <sup>st</sup> prize: * <i>Phal. (Chih Shang's Stripes x Sopolton)</i> * Note the grex name correction. Also, the second parental grex is likely incorrect but no close match can be found. This name has not been registered.	Geraldine Hebert
	2 <sup>nd</sup> prize: <i>Phal. Momento</i>	Angèle Biljan
PLEUROTHALLID, judged by André Couture	2 <sup>nd</sup> prize: * <i>Acianthera sonderiana</i> (syn. <i>Pleurothallis sonderiana</i> )	Angèle Biljan
PHRAGMIPEDIUM, judged by Henry Steger	1 <sup>st</sup> prize: <i>Phrag. Don Wimber 4N</i>	Angèle Biljan
	2 <sup>nd</sup> prize: <i>Phrag. Cape Sunset</i>	Helgi Fatovic
	3 <sup>rd</sup> prize: <i>Phrag. Lutz Rollke</i>	Helgi Fatovic
VANDA, judged by Michael Lum	1 <sup>st</sup> prize: * <i>V. Somthawil (denisoniana x merrillii)</i>	Angèle Biljan
MINIATURE, judged by André Couture	1 <sup>st</sup> prize: <i>Den. cuthbertsonii</i>	David Kalb
	2 <sup>nd</sup> prize: <i>Sophronitis Orbiter (coccinea x cernua)</i>	Angèle Biljan
	3 <sup>rd</sup> prize: <i>Specklinia tribuloides</i>	Angèle Biljan
MISCELLANEOUS, judged by André Couture	1 <sup>st</sup> prize: <i>Zga. (Zygoneria) Maverick (Z. Kiwi Choice x Adelaide Meadows)</i>	Angèle Biljan

Our **MEMBER'S CHOICE**, judged by Helgi Fatovic, is *Dendrobium cuthbertsonii* grown by David Kalb. Our judge commented on the many flowers and their good colour, and how well the plant was grown.

And, finally, the **BEST OF SHOW TABLE** prize was won by *Den. cuthbertsonii* grown by David Kalb.

Show table coordinator: Jean Hollebhone

\* Names reflect taxonomic changes appearing in the World Checklist ([www.rbgekew.org/uk/wcsp/](http://www.rbgekew.org/uk/wcsp/)). Members should note that items indicated (\*) have updated generic or grex names, or the spelling has been corrected. Awards where applicable to a cultivar have been updated. Owners of these plants are requested to update tags and records, and to label their orchids accordingly.

## UPCOMING EVENTS

- Oct. 27-28 ORCHIDFÊTE 2007 at the Days Hotel, 1995, rue Guy (near intersection of René Lévesque Blvd.) in Montreal. This event is hosted by the Eastern Canada Orchid Society (ECOS). Telephone 450-467-4795, website: <http://www.ecosorchids.ca/>. Show times: Sat. 12:00-6:00 pm; Sunday: 9:00-5:00 pm.
- Nov. 3 Toronto Centre AOS Judging, 1:00 pm, Toronto Botanical Garden, Edwards Gardens, 777 Lawrence Avenue East, Toronto. Contact person: Mario Ferrusi, 905-892-4187, e-mail: [mferrusi@sympatico.ca](mailto:mferrusi@sympatico.ca).
- Nov. 10-11 Niagara Region Orchid Show, CAW Hall, 124 Bunting Road, St. Catherines, Ont. Jodi Shannon, Show Chair, telephone: 905-641-1934. Show times: Sat. 12:00-5:00 pm; Sunday: 10:00-5:00 pm. Website: <http://www.niagaraorchidsociety.com>.
- Nov.17 Montreal AOS Judging, Montreal Botanical Garden, 4101 Sherbrooke St. East (& Pie IX Blvd.), 1:00 pm, contact person: Howard Ginsberg, 514-878-1900 or 514-871-0205, e-mail: [orchids@bedfordorchids.com](mailto:orchids@bedfordorchids.com).
- Dec.1 Toronto Centre AOS Judging, 1:00pm, Toronto Botanical Garden, Edwards Gardens, 777 Lawrence Avenue East, Toronto. Contact person: Mario Ferrusi, 905-892-4187, e-mail: [mferrusi@sympatico.ca](mailto:mferrusi@sympatico.ca).
- Jan.23-27, 2008 19th World Orchid Congress, Miami Florida, <http://www.19WOC.com/>.
- Feb. 9-10, 2008 The Southern Ontario Orchid Society (SOOS) Show at the Toronto Botanical Garden, Edwards Gardens, 777 Lawrence Avenue East, Toronto. Show hours: Saturday: 11:00-5:00pm; Sunday: Photographers only: 9:00-11:00am; public: 11:00-5:00pm. Website: <http://www.soos.ca/>.
- Mar. 15-16, 2008 30<sup>th</sup> Annual London Orchid Society Show and Sale, Western Fair Grounds, Special Events Building, 900 King Street, London, Ontario <http://los.lon.imag.net/shows.asp>. Show times: Sat. 12:00-5:00pm; Sunday, 8:00-10:00am artists and photographers only; public: 10:00-5:00pm. Show chair: Jo-Anne Eadie, telephone: 519-471-4643, e-mail: [labs.kilworth@sympatico.ca](mailto:labs.kilworth@sympatico.ca).
- Mar.29-30, 2008 Orchidexpo, CEGEP de Maisonneuve, 2700 Ave. Bourbonniere (& Sherbrooke), Montreal.
- April 19-20, 2008 The Annual Toronto Artistic Orchid Association Show, Chinese Cultural Centre, 5183 Sheppard Ave. East, (Markham Road), Contact person: Louisa Fung, [louisafung@rogers.com](mailto:louisafung@rogers.com), telephone: 416-292-9203. Website: <http://www.taoa.ca>.
- April 26-27, 2008 27th Ottawa Orchid Society Annual Show and Sale in conjunction with the COC Annual Meeting and Symposium, Nepean Sportsplex, 1701 Woodroffe Ave., Ottawa, Ontario. Show Chair: David Cooper, e-mail: [orchidae@allstream.net](mailto:orchidae@allstream.net) <http://www.ottawaorchidsociety.com>. Show times: Sat. 12:00-5:00 pm; Sunday: 9:00-5:00 pm.

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### FOR SALE

One 8 foot set of lights which comes with 2 tubes and could be suspended from the ceiling or installed under a light stand. It has a 15 foot heavy duty electrical cord. Also one 4 foot set of lights ( holds 4 tubes). The 8 footer is being sold for \$25.00 and the 4 footer is \$20.00

For more information, contact Angèle at: 613-225-2925 or [orchidlady2002@hotmail.com](mailto:orchidlady2002@hotmail.com). She will have a digital picture at the October meeting.

## **19TH WORLD ORCHID CONFERENCE, 23-27 JANUARY 2008 FLORIDA, USA**

The upcoming World Orchid Conference with exhibitors, speakers, and vendors from around the world is scheduled to be held in Miami, Florida this coming January 23-27th, 2008. A number of members from the Ottawa Orchid Society plan to attend, feast their eyes on some great plants and fantastic exhibits, take in a few lectures, and buy some wonderful plants from vendors in the USA, the UK, France, Germany, China, Taiwan, Japan, and Latin America. No doubt our members will see the latest *Phrag.kovachii* crosses make their debut at this event. The web site promoting this international show provided the following information.

“This fabulous orchid event will be held in the Exhibition Center of the Sheraton Miami Mart Hotel in Miami. This newly renovated facility will house the lectures and the spectacular orchid show. Orchids by the thousands, as potted plants and cut flowers, will arrive from every major orchid growing center in the world. These gorgeous flowers will be displayed in artistically designed exhibits of varying sizes and shapes.

These are very exciting times in orchid taxonomy, conservation and horticulture. The lecture series which forms part of the conference, will address all of the latest advancements that have been made in these fields.

The co-hosts of the 19th World Orchid Conference® are the Ft. Lauderdale Orchid Society and the South Florida Orchid Society.

For full details please visit the World Orchid Conference website at [www.19woc.com](http://www.19woc.com).

The 19th World Orchid Conference® will be offering a variety of orchid related competitions, so even if you do not grow orchids you can participate in this exciting event. The competitions include, but are not limited to: photography, cake decorating, quilting, art (painting), art (crafts & other), and flower arranging. Details for the competitions as well as entry forms will be posted on the website as they become available.

THE centerpiece of Miami’s 19th World Orchid Conference® is sure to be the Tropical Night Banquet set in the new Parrot Jungle Island where all the activity will be taking place. This eagerly anticipated event will be hot, hot, hot. Make your plans now to spend Saturday night, January 26, 2008, at this exciting banquet.

The 19WOC will provide transportation for guests from the host hotel and several other nearby hotels. At 6:30 pm, the festivities will begin with vanilla Mojitos and frozen mango daiquiris. A variety of tame animals will greet guests at the entrance of Parrot Jungle Island, setting the stage for the evening. Guests can get up close and personal with snakes, birds, lizards, baby alligators and perhaps even a primate. A photograph area will be accessible for everyone, guaranteeing that each guest can leave with a portrait and a tropical memory. Several dancers dressed in elaborate costumes with feathered details and rhumba shirts will be mingling with the guests during the cocktail hour, sharing their enthusiasm and energy. Tropical rhythms will fill the outside terrace.

The banquet will tantalize guests with the sights, sounds and tastes of a remarkable tropical experience. Guests can enjoy the views of Miami at sunset as they partake of hors d’oeuvres. These, which will be passed butler-style, include conch fritters with key lime mustard, jumbo fried shrimp with apricot horseradish, sesame seared tuna with wasabi, island crab cakes, lobster medallions on corn cakes, mini beef Wellingtons, oriental vegetable rolls with plum sauce, and beef and mushroom turnovers. An open bar will accompany the cocktail reception.

At 7:30 pm, guests will be welcomed into the ballroom by the sounds of the award-winning Ed Calle Orchestra. The room will feature enhanced lighting throughout and orchid centerpieces on all the tables. A lobster and seafood “martini” with vanilla-infused vinaigrette will be waiting at each place setting. The stage will be adorned with tropical decor and colors as the Ed Calle Orchestra plays a mix of Caribbean, Latin and top 40 hits that will make guests want to dance. Dinner will include a Miami-style field-of-greens salad with artichoke, heart of palm, candied walnuts, mandarin oranges and mango vinaigrette.



Guests may choose to enjoy either filet mignon served with chimichurri sauce or grilled fresh fish. Each will be accompanied by red pepper smashed potatoes, an asparagus-zucchini bundle and glazed baby carrots. A special vanilla dessert is being created to celebrate the successful 19th World Orchid Conference®.

The 19WOC is pleased to feature the only tropical wines produced in the United States with absolutely no grapes. Schnebly Redland's Winery will be providing the banquet dinner wine, a unique blend of tropical fruit and old world sophistication. Guests will taste special wines such as mango, lychee, guava, carambola and passion fruit. Chairs Robert Fuchs and Ken Kone will be acknowledging several growers and committee members during a brief ceremony; they also promise a few surprises. But this tropical banquet is mostly about celebrating and having a great time, and, upon departure, each guest will receive a distinctive limited edition memento that will commemorate this event.

Reserve space now by purchasing your \$250 ticket on line at [www.19woc.com](http://www.19woc.com) or mailing a check made payable to 19WOC to PO Box 560937, Miami, Florida 33256-9307. For more information on the banquet or any of the exciting activities at the 19th World Orchid Conference®, visit the Web site at [www.19woc.com](http://www.19woc.com).

- Amy Simons, Executive Director,  
19WOC (e-mail: [director@19woc.com](mailto:director@19woc.com))

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## **PAPHIOPEDILUMS – A GOOD CHOICE FOR NOVICE AND EXPERIENCED GROWERS by Gary Hart**

Paphiopedilum species are largely found in tropical Asia. They exist in scattered populations across a wide range of terrain and seasonal climatic conditions. I have grown most of the available species and find they do best when grouped in four broad microclimates. If you can reproduce these conditions they will grow well for you with annual flowering and abundant growth.

The first grouping I grow under the same conditions are the Parvisepalum (*armeniacum*, *delenatii*, *emersonii*, *hangianum*, *malipoense*, *micranthum* and *vietnamense*) and the *Paphiopedilums* *barbigerum*, *charlesworthii*, *helenae*, *hirsutissimum*, *insigne*, *jairrieanum*, *spicerianum* and *villosum*. I find these paphs. both enjoy a lot of air movement and definitely flower well when given a cool/cold period during winter. I grow these paphs. in a fiberglass roofed bush house all year. Minimum winter temperatures go as low as 5°C and in summer as high as 35°C. It is my experience that the poor flowering so many growers experience with *Paph. armeniacum* and *Paph. micranthum* is largely due to mild winter temperatures. I find that if I grow these in the glasshouse they grow and survive well but rarely flower. They also seem to respond to a great variety of light conditions.



Paph. armeniacum  
'Candor Starson' HCC/AOS



Paph. bellatulum

The second group I grow in a small microenvironment are the Brachypetalum (*bellatulum*, *concolor*, *godefroyae*, *niveum*) section. They like a little winter warmth, good air movement, and most importantly, a definite dry winter rest. So many have been lost through infection in the wet, cold winter months. The secret is to largely keep the hose away from these plants for a few cold weeks in winter. It is hard to do...but it works! Regular repotting when in growth is greatly beneficial to this group. They loose roots very quickly when over-watered and when the mix breaks down and the air space between your potting medium is reduced. Repot every 18 months to two years. (Editor's note: Depending on your mix, you may wish to repot more frequently. Some of our better Paph. growers repot every 8 months to a year.) Light conditions can also vary greatly. However, when in full growth they like long periods of good suffused light (I use 70% shade cloth all year).

The third group are basically called the mottled leaf Paphiopedilums and are largely from the Barbata section (eg. *barbatum*, *callosum*, *lawrenceanum*, *mastersianum*, *sukhakulii*, *superbiens*, *tonsum*, and *venustum*). These like shaded, suffused light with a little winter warmth. I grow them in the glasshouse on the lower benches, with the larger Paphiopedilum species growing above them on higher shelves and in hanging pots. In these conditions I find they grow all year and flower regularly.



Paph. barbatum



Paph. philippinense

The fourth and final group are the large growing multifloral and sequential flowering Paphiopedilum species that make up the Coryopedilum section (eg. *philippinense*, *rothschildianum*, *sanderianum* and *stonei*, etc.), the Pardalopetalum section (eg. *haynaldianum*, *lowii*, *parishii*, etc.) and the Cochlopetalum section (eg. *glaucophyllum*, *liemianum*, *primulinum*, etc.). They all grow in my glasshouse on the top shelves or in hanging pots. They receive the first rays of light coming through the 70% shade cloth over the house and when in full growth love to be fed well and “pushed along”. I do not give them a lot of winter heat, but am convinced they would grow more consistently throughout the year with a little winter growth. Repot them regularly, give them good light all year, and do not divide them up into too small a clump when repotting. They will often sulk and you will wait years for them to reflower if you get too greedy when dividing.

Given the right conditions, *Paph. venustum* will grow and flower regularly. *Paph. parishii* and *Paph. lowii* can be grown mounted and I find they do well on tree fern and in teak baskets suspended from the roof.

As you can see, there is a Paphiopedilum species that would suit all orchid growers. When the right conditions are provided, they are one of the most trouble free of all orchids to grow. We all have a responsibility to keep some species orchids in our collections for the future to enjoy. Paphiopedilums are a good choice for both the experienced and novice grower.



Paph. venustum  
album 'Candor  
Peridot' HCC/AOS

(Article originally published in *Orchids Australia*, April 2002.)



Paph. malipoense  
'Candor Spring Green'  
AM/AOS



Paph. parishii  
'Amalia' AM/AOS



Paph. charlesworthii  
'Catatonk'

**OTTAWA ORCHID SOCIETY  
2006-2007 STATEMENT OF OPERATIONS  
FOR ADMINISTRATION**

For the year ending June 30, 2007

<b>Income</b>	Membership	\$3,892.00
	Auction	1,546.50
	Vendors' fees	274.70
	Raffle	271.84
	Interest	255.44
	Phal. Challenge	176.10
	Miscellaneous	130.00
		<b>\$6,546.58</b>
<b>Expenses</b>	Newsletter	\$2,445.48
	Out-of-town shows	962.53
	Programme	847.16
	Insurance	810.00
	Library	718.73
	Space Rental	716.76
	Website	289.00
	COC Dues	141.00
	Miscellaneous	305.61
		<b>\$7,227.27</b>

**PROFIT - (LOSS) ADMINISTRATION**

**(\$680.69)**

**OTTAWA ORCHID SOCIETY  
2006-2007 STATEMENT OF OPERATIONS  
FOR ANNUAL SHOW**

For the year ending June 30, 2007

<b>Income</b>	Admission	\$15,453.62
	Vendors' tables	5,700.00
	Raffle	438.75
	Miscellaneous	344.56
		<b>\$21,936.93</b>
<b>Expenses</b>	Space rental	\$ 7,105.30
	Set-up	4,659.50
	Advertising	2,802.02
	Hospitality	2,120.46
	Trophies & awards	1,129.64
	Judging	270.10
	Show License (Permit)	250.00
	Security	200.00
	Miscellaneous	374.95
		<b>\$18,911.97</b>

**Profit - (Loss) Annual Show**      **\$ 3,024.96**

**OTTAWA ORCHID SOCIETY  
2006-2007 CONSOLIDATED STATEMENT  
OF OPERATIONS**

For the year ending June 30, 2007

<b>INCOME</b>	Admission	\$15,453.62
	Vendors' tables	5,700.00
	Membership	3,892.00
	Auction	1,546.50
	Raffle	710.00
	Vendors' fee	274.70
	Interest	255.44
	Phal. Challenge	176.10
	Miscellaneous	474.56
		<b>\$28,483.51</b>

**EXPENSES**

Space rental	\$7,822.06
Set-up	4,659.50
Advertising	2,802.02
Newsletter	2,445.48
Hospitality	2,120.46
Trophies and awards	1,129.64
Out-of-town shows	962.53
Programme	847.16
Insurance	810.00
Library	718.73
Website	280.00
Judging	270.10
License	250.00
Security	200.00
COC dues	141.00
Miscellaneous	680.56
	<b>\$26,139.24</b>

**Profit - (LOSS) Annual Show**      **\$ 2,344.27**

**OTTAWA ORCHID SOCIETY  
2006-2007 CONSOLIDATED CASH POSITION**

As of June 30, 2007

<b>Opening balance</b>	Administration	\$2,174.00	
	Show	11,564.34	
	Petty Cash	<u>32.10</u>	13,770.34
<b>Operations</b>	Revenues	\$28,483.51	
	Expenses	(26,139.24)	<u>2,344.27</u>
			<b>\$16,114.61</b>
<b>Closing balance</b>	Administration	\$1,493.31	
	Show	14,589.20	
	Petty Cash	<u>32.10</u>	<b>\$16,114.61</b>
<b>Investment</b>			<b>\$10,000.00</b>
			<b>TOTAL CASH AVAILABLE</b> <b><u>\$26,114.61</u></b>

## Getting Orchids to grow and bloom

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Orchids 101 - September 2007

### REQUIREMENTS FOR GROWTH

#### Light

Plants use light to grow. A full spectrum provided by sunlight is ideal but artificial light can be used to replace or supplement sunlight especially during dull winter days. The quantity of light determines growth: too much or too little and growth stalls.

#### Temperature

A variation in daily temperature is recommended and the night temperature is especially important. Orchids vary with their preferred range. Too cold and they either do not grow or become subject to disease, too hot and they stop growing.

#### Mineral nutrients

The most important nutrients are nitrogen (N), phosphorus (P), and potassium (K). The proportion of each is stated on the fertilizer package, N-P-K, 1-2-1, etc. There may be other nutrients included such as calcium (Ca), sulphur (S), magnesium (Mg), boron (B), iron (Fe), etc. While these may not be needed in large quantities they are essential to plant health. GreenCare 19-4-23 formulated for use with well- or tap water that already contains calcium and magnesium and 13-3-15 for use with rainwater/reverse osmosis water/deionized water are recommended. These specialty products are available through Bedford Orchids [www.bedfordorchids.com/](http://www.bedfordorchids.com/) Fertilize when you would normally water, in the morning, when foliage can also be misted with plain water if desired. Do not fertilize dormant plants or those not actively growing.

#### Water

Plants need water to transport sugar and mineral nutrients as well as hormones signalling development and flowering. Roots must be actively growing to absorb water.

### REQUIREMENTS FOR FLOWERING

#### Maturity

Plants are juvenile or adult. There can be a short transition between these stages as in *Psychmorchis pusilla* where flowering can happen within a year of seed germination, or there can be a very extended juvenile period as we see in some *Cattleyas* where ten years to reach blooming size is not uncommon.

#### Vigour

Plants suppress reproduction until they have sufficient carbohydrate reserve to support flowering and fruiting.

#### Temperature and light cues

Temperature, particularly at night, can influence flowering in many orchids. In some *Dendrobium* and *Phalaenopsis*, too high a night temperature will suppress flowering. Inflorescences will form but vegetative offsets or keikis will appear in place of flower buds.

#### Photoperiod

Some orchids bloom year round without any clear flowering season but there are short day species such as *Cattleya bowringiana* which bloom as the day length shortens (the dark period lengthens) and orchids such as *C. skinneri* that bloom on the lengthening days of spring.