

news

Volume 10 - The Ontario Issue - December 1998

GREETINGS FROM THE PRESIDENT

Contents

Getting to Know the President

Conservation Committee Annual Report

COC Member Society Representatives

COC Member Society Conservation Project Competition

Trophy Fund

Modern Vinicolor Hybrids

A Perspective on the Central Ontario Orchid Society

My Personal View of C.O.O.S.

Gardens West

Upcoming Events

A hearty thanks go to your Past-President, Jeanette Arthurs (Ottawa OS), who has served the COC well for the past three years. Jeanette will chair the Charitable Status Committee.

One major challenge to the COC continues to be communication. Yes, we have an excellent web site designed by Steve Saunders (OS of Nova Scotia), and yes, we have a handsome Newsletter, yet even with e-mail and fax and telephone and conventional mail, we still do not have that ideal, a vibrant communication network between member societies. Communication is gradually improving. Jerry Bolce (Central Ontario OS), as incoming Newsletter Editor, will have some novel approaches to share with us but he cannot do his job without news!!

Thanks go to Malcolm Adams (Eastern Canada OS) for his effort and endurance over the past several years to bring newsletters to you. It is not an easy task considering that every gem of information must be pried from the source. Share your newsy gems be they diamonds, rubies or emeralds. They have great value to us all. Each COC member society owes it to all 24 other COC members to communicate news promptly to the Newsletter Editor by mail, telephone or e-mail Jerry Bolce <jerry@uwaterloo.ca>. Jerry will circulate this news in the Newsletter, maintain our

mailing list up-to-date, keep the executive informed of changes in COC representatives, executive members, etc. and assist Steve in keeping the COC webpage current. Jerry and your COC executive need your help to succeed in serving you well.

Lynne Cassidy has some excellent ideas about developing regional communication groups to facilitate the gathering and sharing of news, visiting speakers and group plant orders. We welcome further ideas as to how to best accomplish it.

In April 1999, the orchid world will be coming to Vancouver, Canada for the 16th World Orchid Congress. I sincerely hope that every society will have at least one full delegate to the conference, hopefully many more. This event gives every Canadian hobbyist an unique opportunity to see a wide array of orchids from other countries, to listen to over 70 speakers on a wide range of orchid-related topics such as Phalaenopsis, Disas and Odontoglossums, and to purchase plants all within the Canadian context.. The conference theme is conservation. Every COC society is urged to contribute an entry to the conservation poster competition. The COC AGM will be held on Sunday, May 1. I ask that your society try to be represented at this meeting held in the context of this unique Canadian orchid experience. See you there!

Marilyn Light mlight@uottawa.ca
President, Canadian Orchid Congress

GETTING TO KNOW YOUR PRESIDENT

Marilyn Heather Suzanne Light

Hails from: Montreal, QC with some time spent in Barbados, WI and southern Ontario before settling in Hull, QC in 1980.

Member: Eastern Canada OS, Ottawa OS, Barbados OS, AOS, and OrchidSafari; Garden Writers Association of America.

Writes articles for: The Orchid Review, Orchids Australia

Recent Accomplishments: Author: *Growing Orchids in the Caribbean* - Macmillan. Leads an orchid conservation study group on the Web as part of Orchid Safari <http://www.orchidsafari.org/>.

Began growing orchids: In Barbados, in 1970, after having read *The Golden Guide to Orchids* and having visited an orchid show.

Favourite orchid in my collection: Paph. F.C. Puddle FCC/RHS

If space were not an issue, I would collect: Semi-alba *Laeliocattleyas*

Has registered Hybrids: *C. Fruit Salad*, *Lc. Memoria Evelyn Light*, *C. Doctorbird*, *Epc. Melon Surprise*, *Masd. Dainty Miss*, *Odnta. Warbler*, *Cstm. Frances Smith*, *Mtdm. Cool Stars*, and several more in the pipeline.

Orchid Passion: Seeing a hybrid seedling bloom for the first time then pondering on what to name the grex. (Often a name comes to mind in an instant, other times the process can take months)

Occupation: I work with the Professional Training Service, University of Ottawa, to organize customized short courses for scientists and engineers.

Research: Like Thoreau, I go to the woods to find out

what it has to teach. "I am of the land. My feet are rooted in the deep, rich earth...ML". For the past 15 years, I have been conducting a population study of the alien orchid, *Epipactis helleborine*. Some wonder what value a common, even weedy, orchid could have yet I have found that it has quite a lot of secrets to divulge. I had tried, at first unsuccessfully, to raise this orchid from seeds but recently discovered the problem lay more with my choice of plant and even capsule than in having the correct germination protocol. This discovery led to a description of germination polymorphism occurring in the Orchid Family. A parallel study of *Cypripedium pubescens* has led to the development of a model by which we can identify superior seed and pollen parents in a wild population. This model has been successfully applied to *Cyp. montanum* and *Cyp. reginae*.

My views on conservation: "I remember a Yellow Lady's-slipper blooming all alone in a forest doomed and done. ML" When I was 12, living on the Island of Montreal, I saw my first wild orchid and in that same year witnessed it and its habitat destroyed in the face of housing development. I remember thinking of the younger children in those new houses, never having the opportunity to see what I had seen, the orchid, the newts, the bittern, the killifish - unless they travelled a great distance to do so.

We cannot preserve nature. It is ever-changing, even more so in the face of human population growth and development. We can, however, preserve knowledge, we can learn while we still have that opportunity, and pass on that knowledge to future generations. Conservation is defined as making wise use of a resource. We cannot re-create the past but we can develop a legacy for the future. "Must we forget, forever yearn. Memories exist for us to learn. ML"

Sport: Orienteering (and noting wild treasures along the way)

Pastime: Writing poetry

CONSERVATION COMMITTEE
CANADIAN ORCHID CONGRESS
ANNUAL REPORT - 1998

INTRODUCTION

During the 1997-98 period, there was activity in several areas including:

- 1) the support of conservation efforts of member societies of the C.O.C. ;
- 2) representation of the C.O.C. at consultation meetings with Environment Canada;
- 3) the on-going collection of habitat data and photographic slides of native orchids towards development of slide programs for member societies;
- 4) developing an international, WWWeb-based, monthly discussion session on topics on orchid conservation in collaboration with Orchid Safari; and
- 5) international collaboration to block smuggling of wild-collected orchids into Canada.

ACTIVITIES

The committee is a loosely structured entity. Joyce and Allan Reddoch (Ottawa O.S.) have acted as expert resource persons in interventions on behalf of habitat conservation initiatives. Members-at-large include conservation representatives of C.O.C. member societies such as Shirley Follen, (Kingston O.S.) who is actively supporting collaborative conservation work with a sister society.

CITES regulations and WAPRRITA regulations

The process of regulatory development has finally begun and is planned to progress in stages over the next year. We continue to lobby for regulations that will favour both conservation initiatives and hobbyists across Canada. The 1998 consultations addressed in particular the proposed procedures for the disposition of seized live species orchids.

C.O.C. Conservation Policy

At the 1997 Annual meeting, the following policy was adopted by member societies.

Affiliated C.O.C. orchid clubs and their members are committed to actively engage in conservation.

Conservation of native orchids and their habitats

Bud Ewacha, Manitoba, has been pushing for an environmental assessment of a project involving a proposed well which could threaten a wetland located northeast of Winnipeg. He reports that despite his efforts, a test well is planned. Earlier this year, he, as an individual, and other conservationists, founded the Native Orchid Conservation Inc. with the aim to focus efforts on preserving the wetland and the orchids it supports. We await more news about this venture.

The Kingston and Ottawa O.S. have teamed to restore a grid at the Purdon Conservation Area, Ontario before conducting a population survey of the Showy ladyslippers which grow there in profusion. The last survey was

conducted in 1985. Not only have 19 members volunteered their time but the clubs have underwritten the expense for permanent grid markers.

Conservation of orchids in collections

Marilyn Light, Ottawa O.S. and E.C.O.S., has for the past 16 months been making monthly synchronous and asynchronous presentations about orchid conservation to an international group of interested hobbyists under the OrchidSafari banner. The text of many of these presentations is being made available to all C.O.C. member societies through a publication, "Discussion Topics in Orchid Conservation". To assist those who might wish to reproduce any article, the text is also being provided in several different formats on diskette.

For more information about OrchidSafari and how you can participate, please contact:

<http://www.orchidsafari.org/>

Archives of presentations together with transcripts of the interactive discussions which followed may be accessed at the same site: <http://www.orchidsafari.org/>

Conservation Survey

A survey form was circulated at the 1997 Annual meeting but only a few were completed and returned. We are circulating the same questionnaire as part of the orchid conservation booklet in hope that it may be used locally to assess concerns and to focus effort.

Slide Program

The last few slides are presently being copied for our use. We thank Kevin Tipson (S.O.O.S.) for his efforts locating and photographing some rarely seen species and forms. The first slide program should be ready for circulation early in 1999.

Conservation Award

A letter was sent to all member Societies informing them of the second Conservation Award contest yet we regret that there were no submissions this year. We urge societies to make a poster presentation of their conservation project at the W.O.C. next year as this will be the basis for the 1999 competition. It is not too late to reserve poster space but this should be done soon.

CONCLUSIONS

We applaud those individuals and clubs whose efforts have made a positive impact on the conservation of either native or tropical orchids. You do make a difference! We look forward to recognizing Society efforts through the Conservation Award.

- Marilyn Light - Chairperson

The **16th World Orchid Conference**
Orchid Show
On Earth!!

16th World Orchid Conference
1999



Is Coming To
Vancouver, B.C.
Canada!!

The 16th World Orchid Conference Show and Sale

A day of lectures by over 30 International
Aucularies, Orchid Societies including:
Dr. Herb Rostager, Dr. Lawrence Oehl, Dr. Phil Oehl,
Professor Drexler, Dr. Robert Griesbach, Rick of Jerry,
Alan West, Dr. Alec Filderson, Dr. Sam Wilson.
Over 100 breathtaking flower displays in
over 80,000 Square Feet of show space,
and hundreds of vendors, rare species events and much more!

April 28 to May 2, 1999

For Reservations, Information, Tickets
World Orchid Conference 1999
The Venue Hotel Conference Services
375 West St. Suite 540,
Vancouver, B.C. Canada V6B 5G6
Tel (604) 681-2228 Fax (604) 681-2203
E-mail: con99@venuewest.com

COC Member Society Representatives

Willy Heffner, 106 Roehampton Ct, Kitchener ON, N2A 3K8, 519-894-3255, willyhef@golden.net, Central Ontario Orchid Society
Bernie Huizing, PO Box 948, Coalhurst AB, T0L 0V0, 403-381-0303, Chinook Country Orchid Society
Bob Tooze, 200 Stewart Street, Comox BC, V9M 2T5, 250-339-4465, rtooze@mars.ark.com, Central Vancouver Island Orchid Society
Evelyn Shursen, PO Box 909, Blackfalds AB, T0M 0J0, 403-742-4288, David Thompson Orchid Society
Malcolm Adams, 699 rue Cardinal, St-Hilaire QC, J3H 3Z5, 450-467-4795, madams@sympatico.ca, Eastern Canada Orchid Society
Kenneth J. Girard, 630 Third Avenue N.W., Calgary AB, T2N 0J1, 403-283-6013, girard@ucalgary.ca, Foothills Orchid Society
Lynne Cassidy, 16077 16th Avenue, Surrey BC, V4A 1S3, 604-536-8185, Fraser Valley Orchid Society
Norma Henry, 303 Meadowcrest Road, Kingston ON, K7M 3S4, 613-389-0357, Kingston Orchid Society
Debra Nielson, 62 Bexhill Drive, London ON, N6E 1X2, 519-682-6769, London Orchid Society
Judy Browne, 868 Oakdale Drive, Winnipeg MB, R3R 1A3, 204-888-2656, brown0@ibm.net, Manitoba Orchid Society
Roseanne Kielley, 9 Hutton Road, St John's NF, A1A 2A6, 709-753-4402, kielley@newcomm.net, Newfoundland Orchid Society
Mario Ferrusi, 1129 Cream Street S., R.R.#5, Fenwick ON, L0S 1C0, 905-892-4187, marshhfw@niagara.com, Niagara Region Orchid Society
Eugene Banziger, 422 Okaview Road, Kelowna BC, V1Y 7R3, 250-764-0221, Okanagan Orchid Society
Marilyn Light, 174 Jolicoeur, Hull QC, J8Z 1C9, 819-776-2655, mlight@uottawa.ca, Ottawa Orchid Society
Rod Merz, 527 Pardee Bay, Edmonton AB, T5T 5Y9, 403-460-1283, rmerz@telusplanet.net, Orchid Society of Alberta
Phil Norris, 18 Partridge Road, Renforth NB, E2H 2V2, 506-847-0417, Orchid Society of New Brunswick
Jean Forsey, 112 Russell Street, Dartmouth NS, B3A 3H6, 902-463-8954, Orchid Society of Nova Scotia
Annette Bagby, 172 Donnelly Dr, Mississauga ON, L5G 2M4, 905-274-6989, bagby@tht.net, Orchid Society of The Royal Botanical Gardens
George Malish, 286 Magee Crescent, Regina, SK, S4R 6K9, 306-775-2271, Regina Orchid Society
Peter Poot, PO Box 241, Goodwood, ON, L0C 1A0, 905-640-5643, sonja.poot@sympatico.ca, Southern Ontario Orchid Society
Janet Lee, 210 Bronson Way, Saskatoon, SK, S7J 5E2, 306-374-5634, jjl@shaw.wave.ca, Saskatchewan Orchid Society
Marjorie Disher, #210 - 1840 - 160th Street, White Rock BC, V4A 4X4, 604-538-3592, Vancouver Orchid Society
Noreen Taylor, 1312 Dunsterville Ave., Victoria, BC, V8Z 2X1, 250-478-0610, Victoria Orchid Society
Bernie Butts, 1187 Wyandotte Street East, Windsor, ON, N9A 3K4, 519-254-7738, aegaeon@mnsi.net, Windsor Orchid Society
Chris Sims, 228 - 15th Street, Brandon, MB, R7A 4V8, 204-727-4509, Westman Orchid Society

COC Member Society Conservation Project Competition

In 1999, the competition entries will be in a POSTER FORMAT and displayed in conjunction with the World Orchid Congress and COC meeting in Vancouver. We hope that you will be able to participate and have your conservation project poster viewed by international delegates.

The standard size of the poster will be 28" x 44" (70 cm x 112 cm). Organizers must know immediately if you plan to stage a larger poster. If you plan to attend the conference, you may submit the poster on April 25/26 for staging. If you are not able to attend the conference, you may mail the poster to reach the organizers no later than four weeks before the conference begins.

WHAT ARE THE COMPETITION RULES?

What does your orchid society/club do for conservation? Tell us about your project involving native or tropical orchids. The project may be self-limiting or on-going. The more member involvement in a project, the better the chance of your society entry of winning this annual award.

This competition is limited to current member societies of the Canadian Orchid Congress.

CONSERVATION PROJECTS can be:

Educational (mall display, school visits, conservation-oriented speaker programme for members, support of student project)

Productive (seed/pollen banking, distribution of seedlings, etc)

Investigative (long term monitoring of a local orchid population, documentation of pollinator behaviour)

Experimental (removal of threatened plants to a new habitat, with follow-up)

Political (lobbying for habitat protection, etc)

Altruistic (purchasing land or contributing to the purchase of land as a reserve for orchids)

The above are just a few suggestions of what might be possible. Your original approach is welcomed. Conservation is everybody's business.

JUDGING CRITERIA

TOPIC - 25 points

Is the topic relevant to the conservation theme? Does (do) the topic(s) chosen lead to a higher degree of awareness or practical understanding of the conservation of orchids? The conservation project may involve tropical or temperate orchids.

EFFORT - 40 points

Has the entrant expended more than the standard time and effort on the project(s)? Is (are) the Project(s) a collective effort and has this been adequately documented? Points should reflect the degree to which the conservation project is a group effort although not all members of the group must have contributed the same effort. i.e., some may give in kind, others in labour.

CREATIVITY - 35 points

The topic does not have to be new, however, if a familiar topic has been chosen, the approach should be fresh and innovative. The project should foster a new awareness within the society and/or in the public domain.

PRIZE: Cdn \$100 as a gift certificate towards the purchase of books for the winning Society library. A framed Certificate. The winner will be announced at the COC Annual General meeting in Vancouver.

TO ENTER:

- 1 - Tell us about your project in a poster format. Please type all written material. Photographs would be useful to judge entries which involve habitat, mall displays, etc)
- 2 - Tell us WHEN the project began and when it ended if it was self-limiting.
- 3 - Tell us WHERE the project took place.
- 4 - Tell us WHAT plants were involved.
- 5 - Tell us if there were costs, HOW MUCH did you spend, who paid for this, and how were the funds raised.
- 5 - Tell us about the project OUTCOME. What happened and what will follow.
- 6 - DOCUMENT the project entry with photos, newspaper clippings, copies of pertinent correspondence.
- 7 - Tell us WHAT proportion of the Society Membership was involved and what part they played.
- 8 - Ensure that the NAME and MAILING ADDRESS of the Society are included with your entry, together with the name, address, phone, fax and e-mail of a contact

person who could answer any questions about the project.
9 - Complete an abstract form provided by the WOC organizers (see below). Your abstract may be published in the WOC Proceedings.

PREPARE A POSTER OUTLINING YOUR PROJECT

RESERVE a poster space and REQUEST an abstract form from Paula Keeler.

SEND the completed original abstract to:

Paula Jean Keeler
1611 North State St.
Bellingham WA 98225 USA
e-mail: lkpk@pacificrim.net

SEND a copy of the abstract to:

Marilyn Light
174 Jolicoeur St, Hull, QC
J8Z 1C9
e-mail: mlight@uottawa.ca

Trophy Fund

On behalf of the 16th World Orchid Conference Committee, I would like to thank the following Societies for their generous donations to the Trophy Fund. It is with their support and sponsorship we will be able to make this show a success. In alphabetical order:

Foothills Orchid Society
Fraser Valley Orchid Society
Manitoba Orchid Society
Niagara Region Orchid Society
Orchid Society of Nova Scotia
Orchid Society of the Royal Botanical Gardens
Regina Orchid Society
Southern Ontario Orchid Society

and a commercial donation from
Brookside Greenhouses Ltd.

- Lynne Cassidy
Chairman W.O.C. Trophy Committee

Modern Vinicolor Hybrids

To say that one could become intoxicated by this subject would be too obvious, too trite, so I will forbear. First, let's review a little of the history of vinicolors and then look at recent breeding trends and projections for the future.

Paph. callosum comes in several colour forms, green which lacks red or anthocyanin pigment, coloratum with various degrees of flushing of red pigment on the floral segments and vinicolors which have intense concentrations of the red pigment so that the resultant flower may appear dark purple to blackish and presents very little, if any, white in the dorsal sepal.

Notably two darkly coloured *Paph. callosum* strains appeared in the late 60's. One of these *Paph. callosum* 'Sparkling Beauty' was a jungle collected plant and its progeny, obtained by selfing, became an important source of vinicolor forms. The other strain arose from *Paph. callosum* 'JAC' whose parental origins are obscure. The appearance of these strains set off a virtual breeding frenzy with attempts to improve on the form and, in the search for novelty, vinicolors were crossed with a wide variety of other *Paphiopedilum* species. Desirable crosses, and particularly awarded clones, demanded extremely high

prices in the thousands of dollars. Dreams of achieving the elusive black orchid were rampant and still are today.

Paph. callosum 'Sparkling Beauty' FCC/91 had warts on the upper edge of narrow petals, a characteristic twist in dorsal sepal and recurving of its lateral margins-- all of which are characteristic of *callosum* and, with the exception of the warts, are considered flaws nowadays. Today, if 'Sparkling Beauty' appeared on the judging scene and, if there had been no vinicolor development as yet, it would probably receive a JC for colour. We have certainly reset our standards since this was awarded in 1969.

Paph. Maudiae, a cross between *Paph. callosum* and *Paph. lawrenceanum* was registered in 1900 by Charlesworth and Co. and now exists in all three colour phases. Using vinicolor *Paph. callosum*, more modern breeding has been able to incorporate intense wine red coloration in the progeny. Some examples include: *Paph. Maudiae* 'Ebony Queen' FCC/90 (AQ 13/117), *Paph. Maudiae* 'Kozac' HCC/76 which has warts on both the upper and lower edges of the petals--the upper warts from *Paph. callosum*, and the lower warts from *Paph. lawrenceanum* as well as more horizontal petal stance, *Paph. Maudiae* 'Pitch Black' HCC/75 a cross of *Maudiae* x *Maudiae* with a natural

spread of 12.1 cm, (AQ 27/129), *Paph. Alma Gevaert* (*Paph. lawrenceanum* x *Maudiae*) 'Great Hawaiian' HCC/77, (AQ 28/205), and *Paph. Alma Gevaert* 'Fox Valley' HCC/78 (AQ 23/241)

The early crosses gained in colour intensity but lacked size. To enhance size, two tactics can be employed -- increase in ploidy and crossing to larger forms. Increase in ploidy using colchicine can result in larger plants with larger flowers but the growing time to maturity is increased and the plants may be reluctant breeders. To commercial growers, these are serious disadvantages. In 1992 there was a report of a very large, possibly polyploid, *Paph. Onyx* 'Gargantua' in the AOS Bulletin (it was the Bulletin then). The article erroneously reported the natural spread as 8.2 x 8.2 cm. I thought this was strange because *Paph. Maudiae* 'Ebony Queen' was considered small with a natural spread of 10.5. Upon checking the RHS system I found that the actual natural spread was 12.2 x 13.0 cm. Jeff Britt, horticulturist for Rod Mc Clellan where this coloratum was developed said that it took some time to get it to prime size.

A better solution is the incorporation of genes from larger flowered cultivars. This was done using *Paph. Gloriosum* which is *Paph. Holdenii* (*callosum* x *Maudiae*) backcrossed to *callosum*. Some of the progeny of this vigorously growing cross have flat dorsal sepals which lack the characteristic twist found in the dorsal of *callosum*. Some examples include: *Paph. Red Glory* (*Gloriosum* x *Red Maude*) 'Simon Puppy' HCC/75 (AQ 26/74) which had a natural spread of 12.1 x 9.8 cm. and *Paph. Red Maude* (*Maudiae* x *Maud Read*) which contains elements of *lawrenceanum*, *callosum*, and *mastersianum*. *Paph. Red Magic* 'Go for Broke' HCC/76 (AQ 26/74) which is a cross of *Gloriosum* x *fairrieanum* illustrates the type of dorsal sepal and coloration typical of *Gloriosum* with a natural spread of 6.3 x 9.6 cm.

Further breeding experiments led to the inclusion of many other *Paph.* species. To enhance the deep coloration, crosses were often bred back to newly selected more intensely coloured cultivars of *Maudiae* with more desirable conformation characteristics. In time, the resultant products began to look distressingly similar to all but the connoisseur. That is not to say that they lacked beauty but since most of them contained a high percentage of *callosum* it is not surprising that similarity would ensue.

Paph. curtisii (*superbiens*) was used extensively because of its deep coloration and its tendency to produce wider petals with spots and warts in its offspring. Spots and warts were sought after because black spots and black warts gave the appearance of a darker petal. *Paph. Goultenianum* (*curtisii* x *callosum*) 'Black Magic' HCC/75 (AQ

13/149) and 'Ruby Solitaire' HCC/76 (AQ 14/65) demonstrate these characteristics.

Crosses to *Paph. charlesworthii* were an obvious choice because of its elegant broad dorsal sepal. *Paph. Schaezchen* (*Maudiae* x *charlesworthii*) 'Penny' HCC/77 (AQ 25/80) shows a lot of the *charlesworthii* influence while *Paph. New Wine* (*Raven* x *charlesworthii*) 'Myrna' AM/81 (AQ 28/79) is an example of a delightful integration of the characteristics of these two forms. Many of these crosses are more wide open and the dorsal has the appearance of being stuck on as an afterthought. One of the least offensive ones is *Paph. Backlight* (*Red Maud* x *charlesworthii*) 'Aries' AM/83.

Paph. ciliolare has been used to add even more warts, spots and black hairs; for example, *Paph. Zeus* (*ciliolare* x *callosum*) 'Adiana' AM/80 (AQ 28/274). *Paph. ciliolare* crossed back to *Maudiae* gave *Paph. Colorado* 'Rain Meadow' HCC/78 with good balance, a striped dorsal and almost black petals, and *Paph. Colorado* 'John's Favourite' AM/82 (AQ 23/24). A more complex cross *Paph. Silly Treasure* (*ciliolare* x *Vintner's Treasure*) 'Etc., Etc., Etc.' HCC/78 (AQ 23/209) gave a handsome flower very similar to *Paph. Maudiae* with much black in the petals. *Vintner's Treasure* incorporated gene infusion from *barbatum*, *sukhakulii* and *purpuratum*.

Paph. hirsutissimum var. *esquirolei* was used to create *Paph. Yeti* 'Black Avenger' JC (AQ 26/145). Now here's a *Paph* with attitude. Either that or it was in the back seat when fellow Toronto Judge Annette Bagby accelerated her sports car!

Paph. druryi has imparted its dark central stripe of *druryi* on the dorsal and on the petals; but failed to overcome the faults of the typical *callosum* dorsal in *Paph. A. R. Smith* (*callosum* x *druryi*) 'Smooth' HCC/75

Paph. mastersianum has been used to broaden the available colour palette. *Paph. Nettie Mc Nay* (*Maudiae* x *mastersianum*) 'Fox Valley' AM/84 (AQ 24/183) shows persistence of light coloration in the dorsal but intensely coloured petals producing an intense coloratum form.

Paph. wardii was used in the cross *Paph. Satchel Paige* (*wardii* x *Vintner's Treasure*) 'D & B' HCC/79 (AQ 28/161) to create attractive persistent striping in the dorsal of the *wardii* type and wide dark petals incorporating the spots from the *wardii* petals.

The search for blackness led to the use of *Paph. sukhakulii* to see how many black warts and spots can be literally crammed onto a petal. Perhaps if they are so numerous as to be confluent a pitch black petal will result. The result was often crippling or at least severe narrowing in crosses like *Paph. Makuli* (*Maudiae* x *sukhakulii*) 'Jean' AM/82. Petal crippling could be overcome, but with a flower similar to *Maudiae* with the smaller dorsal of

sukhakulii as seen in *Paph. Sunken Treasure* (*sukhakulii* x *Vintner's Treasure*) 'A.M.J.' AM/85 (AQ 24/281) Retention of the darkness of the petals was achieved without obvious crippling or narrowing in more complex crosses such as *Paph. Macabre* (*sukhakulii* x *Voodoo Magic*) 'Harford's Warlock' AM/81 (AQ 26/179).

The delightful species *Paph. fairrieanum* was an obvious choice for crossing with vinicolors. It already contains a fair amount of anthocyanin pigment and its typical downswept petal stance is found in most of its offspring and usually some of the undulations on the edge of the dorsal sepal as well. These characteristics can be seen in *Paph. Friedrich Mellin* 'Neptune' HCC/78 (AQ 25/79) a cross of *Alma Gevaert* x *fairrieanum* (*Alma Gevaert* = *lawrenceanum* x *Maudiae*). *Paph. Fair Katie* 'Chestnut' AM/81 (AQ 25/161), a cross of *Onyx* x *fairrieanum* (*Onyx* = *Goultenianum* (*callosum* x *curtisii*) x *Maudiae*) shows the wide dorsal and the downswept petals of *fairrieanum* with the rich glowing burgundy of *Maudiae*.

Paph. Onyx has also made an important contribution to more complex vinicolor breeding as can be seen in *Paph. Dark Spell* (*Docteur Knock* x *Onyx*) 'E.F.G. Orchids' AM/82 (AQ 23/196). *Dr. Knock* is *Procrustes* x *Maudiae* and *Procrustes* is *Gowerianum* (*curtisii* x *lawrenceanum*) x *Maudiae*. The constant reinfusion of *Maudiae* reinforces the colour.

It was only natural that the mental vision of four or five elegant flowers of burnished burgundy on a single inflorescence led to a flurry of crosses with multifloral Paphs. Here is a sampling: *Paph. Roth-Maud* 'Forest' HCC/77 (*Maudiae* x *rothschildianum*), *Paph. Astro Boy* 'Aaron's Choice' JC (*Makuli* x *rothschildianum*), *Paph. Southport* 'Lillian' AM/82 (*rothschildianum* x *Alma Gevaert*), *Paph. Phone Booth* 'Clark Kent' HCC/79 (*philippinensis* x *Goultenianum*), *Paph. James Hausermann* 'Elmhurst' HCC/75 (*philippinensis* x *Vintner's Treasure*), *Paph. Black Falcon* 'Utopia' AM/84 (*Red Maude* x *philippinensis*), *Paph. Manahawkin* 'Debbie Ann' AM/83 (*Maudiae* x *praestans* which is considered a synonym of *Paph. glanduliferum*), *Paph. Sable Knight* 'Black Jamboree' HCC/75 (*Vintner's Treasure* x *praestans*), *Paph. La Bandita Charlotte* 'Glo' JC (*Saint Swithin* x *Goultenianum* which is (*philippinensis* x *rothschildianum*) x (*callosum* x *curtisii*), and *Paph. Saint Rook* 'D&B' AM/81 (*Saint Swithin* x *Black Rook*, *Black Rook* = *Vintner's Treasure* x *Holdenii*, *Holdenii* = *callosum* x *Maudiae*). I have only listed these multifloral crosses and avoided adding the AQ references because none of them is an improvement on the species multifloral parent. Those crossed with *praestans* (*glanduliferum*), *phiippinensis* and a recently shown plant of *Red Maude* x *sanderianum* at The Greater Lansing Orchid Show

in East Lansing lack the graceful spiralling petals of the species parent and instead have disconcerting, indecisively directed petals. Those crossed to *rothschildianum* and *Saint Swithins* lack the elegance of their graceful petals. One hopes that crossing back to the species parent will improve the conformation while maintaining the richness of colour of the vinicolor parent.

A more successful hybridizing venture was achieved using complex paphs as parents. Well formed, deeply hued blooms with waxy burnished segments are the result. Examples of these crosses include *Path. Royal Ruby* (*Peony* x *Maudiae*) 'New Look' HCC/76 (AQ 24/272), *Paph. Flashdance* 'Ruby Jamboree' AM/83 (AQ 26/15) which is *Orchilla* x *Flasher* (*Flasher* = *charlesworthii* x *Goultenianum*), and *Paph. Vintner's Moon* (*Vintner's Treasure* x *Sonador Moon*) 'Penny' AM/89 (AQ 28/195), and *Paph. Ebony King* 'Pinot Noir' (*Orchilla* x *Docteur Knock*). The latter is *Procrustes* x *Maudiae* and *Procrustes* incorporates *Gowerianum* which is *curtisii* x *callosum*

Vinicolor crosses with members of the section *Brachypetalum* have yielded mixed results. Some crosses yield splendid blooms but other crosses have discoloured streaks on the bloom segments, deformed flowers or are reluctant bloomers. Although quite a few crosses are registered few have been awarded. A few samples are: *Paph. Pink Gem* 'Elektra' AM/80, a cross of *Maudiae* x *concolor*, has *Maudiae* petals and a *concolor* pouch. *Paph. Colorguard* 'Dark Night' HCC/78 (*Kevin's Wine* x *bellatulum*) reminds me of a basset hound with the drooping petals from *bellatulum*, *curtisii* and *Maudiae*. *Kevin's Wine* is *Vintner's Treasure* x *Emerald* which in turn is *curtisii* x *Maudiae*.

With the exception of *delenatii*, vinicolor crosses with the section *Parvisepalum* have proved too incompatible genetically.

I have saved a success story for the last. I must say that when I heard that crosses with the delightful species *henryanum* were contemplated, I envisioned sacrilege! That this little beauty would also be reduced to another ho hum *Maudiae* replica. But no. *Paph. Red Glory* x *henryanum* from Paphanatics has produced glorious colours and markings. This little species has enough genetic gumption to exert its integrity. I say: "Bravo henryanum!"

[This article was first given as a slide talk at an AOS judges training seminar in Ann Arbor, Michigan in May, 1998. My cryptic notes were edited and prepared for publication by Don Garling, co-editor of "The Score Sheet", newsletter of the Great Lakes Judging Center. I have further edited it for publication in the COC newsletter. Doris N. Jensen]

A Perspective on the Central Ontario Orchid Society

It was May 26 of 1985 that nine individuals with an interest in orchids met in Kitchener with the goal of starting an orchid society. Only one person could have been called an experienced orchid grower. I had been growing orchids for a few years and was anxious to meet other growers to share experiences (and to find more orchids!). We quickly elected an Executive, picked a name and started work on a Constitution.

Our goal was to establish a friendly social group where everyone would feel comfortable. From the beginning to today every member is encouraged to assist in some position in the Society. Putting on an annual show is an opportunity for members to work together. Participation becomes part of a training program so that each member can be expected eventually to serve on the Executive.

To give everyone a chance (and to avoid cliques), no one is allowed to serve on the Executive for more than three consecutive years. So far we have found 'volunteers' each year so that no member has had return to the Executive after a time out. The easy path is to let the experienced members carry on with the job they do so well.

The result is a Society of 80 to 100 members that works well together. There are no experts that have the last word. Several members have held each position so the beginner always has ready help available and the Society is not totally reliant on any one member. The Society works as a social group not as a classroom. The aim is to have fun.

The adjacent article is the perspective of one of our more recent members.

- *Jerry Bolce*

Gardens West

Two members have had their gardens featured in the magazine 'Gardens West'. One garden belongs to the Past C.O.C. President Ken Girard, member of the Foothills Orchid Society. The other garden is of Carla and Bill Bishop, members of the Vancouver Orchid Society. Their garden was featured as the main article and also on the cover.

MY PERSONAL VIEW OF C.O.O.S.

I never really thought about what makes my orchid society different from other societies. I had always assumed we more or less functioned identically; monthly meetings, annual shows, shopping trips, open houses, beginners classes, etc. I've attended four other Canadian society shows and two American. I've attended only one other society's general meetings. Upon reflection, perhaps my insulation will help me give an unsullied picture of my society.

The one thing that stands out for me is that we are a society of total amateurs. I don't mean that in a negative sense. We're all keen on orchids but we have no inner circle of professional experts. This puts all our members on equal footing. There's no higher authority within our group except those that have spent the most years mastering our craft, the professional amateurs, if you will. They are ordinary people just like you and me and they have earned their position the hard way just as we are by following in their footsteps.

I think having a professional in the room creates a natural deference to their opinions and ideas, perhaps making ordinary folk feel a bit second-class. You might think I have a low regard for professionals. I don't. I've worked eight years at our Show and I've enjoyed learning from them. They are dedicated to the cause and I admire them greatly. I just think it makes a difference on how your society feels to the ordinary member.

Then too, feel depends on human makeup, the population you have to draw upon. We're a relatively small city with rural roots rather close to the surface. Farmers generally don't care much about foreign goods unless they can grow it in the north forty. Perhaps this makes each of us feel a bit like a lost soul and we're so happy to find a kindred spirit.

I don't hear people talk much about their families or jobs, the only unifying aspect of our lives is our hobby. We meet to talk orchids, not business. We go to the shows to enjoy orchids. We're not competing, we're playing. And that's why I think my society is best suited for me.

- *Dawn Miller*

UPCOMING EVENTS

February 13 - 14, 1999

Southern Ontario Orchid Society,
Toronto Civic Garden Centre, 777 Lawrence Ave. E at Leslie St.,
Toronto, Ontario.

March 6 - 7, 1999

London Orchid Society,
Wonderland Gardens, London, Ontario

April 10 - 11, 1999

Kingston Orchid Society,
Beechgrove Centre, King St W near Portsmouth Village,
Kingston, Ontario
Contact Cal Carter 613-389-7414 cscarter@istar.ca

April 23 - May 2, 1999

16th World Orchid Congress 1999 Vancouver, British Columbia
Hosted by:

The Vancouver Orchid Society,
P.O. Box 23932 A.P.O.
Richmond, B.C. V7B 1Y1

The event includes the
Canadian Orchid Congress Annual Meeting
Hosted by the Vancouver Orchid Society,
Vancouver, British Columbia.
c/o Venu West Conference Services
#645 - 375 Water Street, Vancouver BC
V6B 5C6 Canada
Tel. (604)-681-5226
Fax. (604)-681-2503

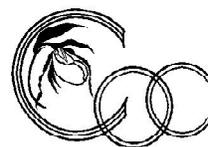
Venues West is the Conference Secretariat
Email: congress@venuewest.com

Douglas Allison and Eleanor Holwerda are
SOCIETY LIAISONS of the WOC.
The Vancouver Orchid Society /
1999 World Orchid Conference,
309-7631 Steveston Hwy
Richmond, B.C. CANADA V7A 4L7
phone(604)272-0174
email: djallison@dowco.com

March 3 - 5, 2000

Orchid Odyssey,
COC Show, London, Ontario

Please send in your show information - date, location, contact, etc.



news

299 Wiltshire Place,
Waterloo ON, N2T 1R3
Phone: (519)885-1888
email: jerry@uwaterloo.ca

Editor: Jerry Bolce

The purpose of COC news 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

Officers of the Canadian Orchid Congress

President Marilyn Light
819-776-2655
email: mlight@uottawa.ca

Past President Jeanette Arthurs
613-225-6941
email: bl368@freenet.carleton.ca

Vice-President Lynne Cassidy
604-536-8185

Treasurer Janette Richardson
306-543-0560

Secretary Judy Browne
204-888-2656
email: browne0@ibm.net

Education Ken Girard
403-283-6013

Conservation .Marilyn Light
819-776-2655
email: mlight@uottawa.ca