

CPS • SCP News



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

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June 2007

President's Message/Mot du Président

I'd like to start this note with several items of appreciation and congratulation. First, on behalf of everyone in CPS, I'd like to thank the members of the CPS executive board who will be leaving the board at the June meeting: André Lévesque (Past President), Deena Errampalli (Secretary 2003-2007), Dilantha Fernando (Treasurer 2002-2007),



Bruce Gossen
**CPS-SCP President/
Président**

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and Mary Ruth McDonald (Director, 2005-2007). Thanks to each of you for the enthusiasm, energy and effectiveness that you have brought to your work on the Board. Similarly, thanks to all of the members and chairs of CPS committees who will be stepping down in June. Also, CPS is losing someone who has worked behind the scenes for many years. Ginette Fortier, the technical editor for the Canadian Journal of Plant Pathology, has been assigned to take on other responsibilities within NRC Press. We wish her success in her new assignment, and trust that she will train her replacement to maintain the high standards that she has set for CJPP.

Congratulations to Norman Whitney, a forest pathologist (emeritus) at the University of New Brunswick, who was

awarded the Order of Canada in 2006 for contributions to his local community, contributions to interdisciplinary education at UNB, and for his achievements in plant pathology. Also, congratulations to Steve Haber, who was part of a group that received the 2006 Natural Science and Engineering Research Council Brockhouse prize for characterizing the structure of the protein component of the SARS (Severe Acute Respiratory Syndrome) virus. Our members are constantly being recognized. For example, Karen Bailey was recently nominated for a Woman of Distinction Award for Saskatoon in the category of Science, Education and Technology, and Sean Westerveld and Mary Ruth McDonald were recognized for top papers in two scientific publications in 2006

(Can. J. Plant Sci., and the journals of the Amer. Soc. Hort. Sci.). It's always a pleasure to see deserving colleagues being recognized with awards like these. I believe that identifying and making the effort to nominate deserving individuals is an important part of leadership within our science. Thanks to everyone who nominated a colleague for a CPS award this year and congratulations to the winners, who will be announced at the AGM.

The Board has spent the past year struggling with the consequences of a large deficit in 2005. Although I haven't seen the final figures, I'm disappointed to report that there was another large deficit in 2006 (about \$40K). However, the cost of the special 75th anniversary edition of CJPP represents about half of this amount, so at least we are headed in the right direction. The Board has been working to reduce the deficit for the future; page charges for CJPP were

increased in 2007, expenditures were reduced wherever possible, and the membership will vote at the AGM on a motion to increase membership fees slightly in 2008. However, I anticipate that more action will be necessary in 2008 – you should expect increases in membership fees in coming years, implementation of fees for publishing articles in CPDS and PMRR, and other changes.

In addition to a motion at the AGM to increase membership fees, we will also be voting on changes to the Glen Anderson Lectureship (to provide more flexibility – the motion has already received support from the APS executive council) and the

structure of the Science Policy Committee (to increase effectiveness). These motions were

circulated in the March edition of CPS News – please read them in advance of the AGM.

The main activity for the CPS Board in 2006-2007 has been to assess and implement the new strategic plan. One area where action has been taken is to increase connections with other plant pathology societies. For example, the Committee on International Co-operation is gearing up to get involved on a wide range of issues (see report in March edition), the Glen Anderson Lectureship will be presented at the APS Centennial meeting in 2008, and CPS has sponsored two scholarships to assist pathologists from the third world attend the International Society for Plant Pathology meetings in Italy in 2008. Also, the CPS is involved (with APS) in planning a joint meeting of plant pathology societies from North and South America in a 'Meeting of the Americas' that is scheduled for 2010. Mark your calendars and start arranging

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your travel funds, because these three meetings (APS Centennial, ISPP, and Meeting of the Americas) represent great opportunities to expand international contacts and develop a greater understanding of plant pathology in an international setting.

Speaking of meetings, CPS is hosting Plant Canada 2007 in Saskatoon from June 10-14, 2007. There will be lots of opportunity for scientific exchange, with more than 300 presentations and symposia covering a wide range of topics and disciplines. In addition, the venue is great (a new facility in the heart of the city, close to the river), the food will be terrific, and even the trade show will be interesting and unusual. If you haven't already registered, it's not too late – do it now.

For those of you that haven't noticed, there has been a major addition to the CPS website in the last few months. We now host the Pest Management Research Report (the history is explained on the website). The Entomological Society of Canada has agreed to be a partner in maintaining and expanding the role of this publication. Other changes to the website are being examined, including opportunities for on-line registration and payments, job postings, upgraded facilities for regional groups, etc. Another major innovation was the launch of an e-bulletin written for students, by students. The first edition was terrific, but the students who started this initiative (Alyson Prokop and Angela Orshins, U of G) can't do it by themselves. They are looking for student volunteers to participate in the project – bring your ideas and join in.

As usual, I'm writing this epistle early in the morning, sitting at home in my favourite chair with a good cup of coffee. This past year has gone by very quickly. More than anything, I have enjoyed the opportunity to attend the regional

meetings of CPS and to meet so many members for the first time. Thanks for your hospitality and friendship. Also, I'd like to extend a special note of thanks to the members of the CPS Board, whose hard work at every stage made this year successful and enjoyable. CPS is lucky to have such competent and enthusiastic leadership. See you all at Saskatoon in June.

J'aimerais commencer la présente note par plusieurs remerciements et félicitations. D'abord, au nom de tous les membres de la SCP, j'aimerais remercier les membres du Conseil de direction de la SCP qui le quitteront à la réunion de juin : André Lévesque (président sortant), Deena Errampalli (secrétaire, 2003 à 2007), Dilantha Fernando (trésorier, 2002 à 2007) et Mary Ruth McDonald (directrice, 2005 à 2007). Merci à chacun de vous pour l'enthousiasme, l'énergie et l'efficacité dont vous avez fait preuve dans votre travail au Conseil. De même, merci à tous les membres et aux présidents de comité de la SCP qui céderont leur place en juin. Aussi, la SCP perd quelqu'un qui a travaillé dans l'ombre durant de nombreuses années. Ginette Fortier, rédactrice technique pour la *Revue canadienne de phytopathologie*, assumera d'autres tâches aux Presses scientifiques du CNRC. Nous lui souhaitons du succès dans ses nouvelles fonctions; nous sommes certains qu'elle saura transmettre à son remplaçant les hauts standards de qualité qu'elle a mis en place pour le *CJPP*.

Félicitations à Norman Whitney, un phytopathologiste forestier (émérite) de l'Université du Nouveau-Brunswick, qui a été nommé membre de l'Ordre du Canada en 2006 pour son implication dans sa communauté, sa contribution à l'enseignement interdisciplinaire à l'UNB, et pour ses réalisations en phytopathologie. Félicitations aussi à

Steve Haber, membre d'un groupe qui a reçu le prix Brockhouse 2006 du Conseil de recherches en sciences naturelles et en génie pour la caractérisation de la structure du constituant protéinique du virus du SRAS (syndrome respiratoire aigu sévère). Nos membres reçoivent régulièrement des distinctions. Par exemple, Karen Bailey a récemment reçu le prix Woman of Distinction pour Saskatoon dans la catégorie Sciences, Éducation et Technologie, et Sean Westerveld et Mary Ruth McDonald dont les écrits ont été reconnus meilleurs articles dans deux publications scientifiques en 2006 (*Can. J. Plant Sci.* et les revues de l'Amer. Soc. Hort. Sci.). C'est toujours agréable de voir des collègues méritants être reconnus par des prix comme ceux-là. Je crois qu'identifier et faire l'effort de proposer des personnes méritantes est une composante importante du leadership dans notre discipline. Merci à tous ceux qui ont proposé un collègue pour un prix de la SCP cette année et félicitations aux gagnants dont les noms seront dévoilés à l'AGA.

Le Conseil a passé la dernière année à se débattre avec les conséquences de l'important déficit de 2005. Quoique je n'ai pas vu les derniers chiffres, je suis déçu d'avoir à signaler un autre gros déficit pour 2006 (environ 40 K\$). Cependant, le coût de l'édition spéciale du *CJPP* à l'occasion du 75^e Anniversaire représentant environ la moitié de ce montant, nous allons dans la bonne direction. Le Conseil a pris des mesures pour que le déficit soit réduit à l'avenir; les frais de page du *CJPP* ont été augmentés en 2007, les dépenses réduites là où c'était possible et les membres seront appelés à voter lors de l'AGA sur une proposition de légère

augmentation des cotisations pour 2008. Cependant, je prévois que d'autres mesures seront nécessaires en 2008 – vous devrez vous attendre à des augmentations de cotisation dans les années à venir, à l'imposition de frais de publication au *CPDS* et au *PMRR*, et à d'autres changements.

En plus d'une proposition d'augmentation des cotisations qui sera présentée à l'AGA, nous serons appelés à voter sur des changements au Fonds de conférences Glen Anderson (pour plus de flexibilité – la proposition a déjà reçu l'aval du Conseil de direction de l'APS) et sur la structure du Comité de la politique scientifique (pour en améliorer l'efficacité). Ces propositions ont paru dans le numéro de mars du *CPS-*

SCP News – veuillez les consulter avant l'AGA.

En 2006-2007, la principale

activité du Conseil de la SCP a été d'étudier et de mettre en place le nouveau plan stratégique. Il y a eu des actions de prises pour améliorer les interactions avec d'autres sociétés de phytopathologie. Des exemples : le Comité sur la coopération internationale se prépare à s'impliquer dans plusieurs dossiers (voir son rapport dans le numéro de mars), le Fonds de conférences Glen Anderson servira lors de la réunion du centenaire de l'APS en 2008, et la SCP finance deux bourses pour aider des phytopathologistes du tiers-monde à participer à la réunion de la Société internationale de phytopathologie (ISPP) qui se tiendra en Italie en 2008. De plus, la SCP est impliquée (avec l'APS) dans la préparation d'une réunion conjointe des sociétés de phytopathologie des Amériques du Nord et du Sud lors d'une « Rencontre des Amériques » prévue pour 2010. Inscrivez ces trois réunions (centenaire de l'APS, ISPP et Rencontre des Amériques) à vos agendas et

<<Je crois qu'identifier et faire l'effort de proposer des personnes méritantes est une composante importante du leadership dans notre discipline.>>

commencez à mettre de l'argent de côté pour vos déplacements parce que ce sont des chances inespérées d'améliorer vos contacts internationaux et de développer une meilleure compréhension de la phytopathologie dans un contexte international.

En parlant de réunions, la SCP est l'hôte de Plant Canada 2007 du 10 au 14 juin à Saskatoon. Il y aura plein d'occasions d'échanges scientifiques avec plus de 300 présentations et des symposiums couvrant un vaste éventail de sujets et de disciplines. De plus, le site est grandiose (de nouvelles installations au cœur de la ville, près de la rivière), la nourriture sera fantastique et même l'exposition commerciale sera intéressante et inhabituelle. Si vous n'êtes pas encore inscrits, il n'est pas trop tard – faites-le maintenant.

Pour ceux qui ne l'auraient pas remarqué, il y a eu des ajouts substantiels au site Web de la SCP au cours des derniers mois. Nous hébergeons maintenant le *Pest Management Research Report* (on retrouve l'historique sur le site Web). La Société entomologique du Canada a accepté d'être partenaire dans le maintien et le développement de cette publication. D'autres changements au site Web sont présentement étudiés, y compris les inscriptions et les paiements en ligne, l'affichage d'emplois, des possibilités supplémentaires pour les groupes régionaux, etc. Une autre grande nouveauté a été le lancement d'un bulletin électronique pour les étudiants et par les étudiants. La première édition a été incroyable, mais les étudiants qui ont eu cette initiative (Alyson Prokop et Angela Orshins, U de G) ne peuvent tout faire seuls. Ils sont à la recherche de volontaires étudiants désireux de participer au projet – apportez vos idées et joignez-vous à cette équipe.

Comme d'habitude, j'écris cet épître tôt le matin, bien assis à la maison dans mon

fauteuil préféré et avec une bonne tasse de café. La dernière année est passée très vite. Plus que tout, j'ai apprécié la chance de participer aux réunions régionales de la SCP et de rencontrer beaucoup de membres pour la première fois. Merci de votre hospitalité et de votre amitié. Je veux aussi remercier tout particulièrement les membres du Conseil de la SCP dont le travail acharné et soutenu a fait que cette année a été agréable et couronnée de succès. La SCP est chanceuse d'avoir autant de compétence et d'enthousiasme dans sa direction. Au plaisir de se retrouver en juin à Saskatoon.

Committee and Other Reports

REPORT OF THE NATIONAL COORDINATOR, CANADIAN PLANT DISEASE SURVEY - DISEASE HIGHLIGHTS

COMPTE RENDU DU COORDINATEUR NATIONAL, L'INVENTAIRE DES MALADIES DES PLANTES AU CANADA - APERÇU DES MALADIES

Volume 87 of the Canadian Plant Disease Survey (CPDS), reporting mainly on disease highlights for 2006, was published in late March on the CPS website (www.cps-scp.ca/cpds). Fifty reports were published, with the issue filling 142 pages. The distribution among sections was: cereals (27 reports); oilseeds and special crops (13); diagnostic labs (5); vegetables (2); forages (1); fruits, nuts and berries, ornamentals and turfgrass (1); forest trees (1). Two reports were in French and 48 in English. In 2006 Dr. Tom Hsiang stepped down as section editor for fruits, nuts and

berries, ornamentals and turfgrass, and was replaced by Dr. Paul Hildebrand, who moved over from the vegetables section. In turn he was replaced with Dr. Jill Thomson. Thanks to them and the other section editors (Marilyn Dykstra, Andy Tekauz, Bruce Gossen and Pierre DesRochers) as well Angie O'Shea (compiler) for their help in completing the job of publication.

This is the 11th year that CPDS has been published electronically and the fourth that it is the exclusive responsibility of CPS. As well as CPDS being web-based, an ever-decreasing number of copies is printed for libraries that prefer hard copy for archival purposes. As in previous years, CPDS is dominated by reports from the western provinces on cereals, oilseeds and special crops. Unfortunately it is difficult to attract more articles from other subject areas, especially from the east. CPS members are again reminded that even informal anecdotal reports are useful in documenting the occurrence of diseases in Canada. I welcome comments about the format, editing or publication of CPDS.

A project proposed in the first CPS 5-year strategic plan to create a searchable electronic index of CPDS is still in progress, spearheaded by Gayle Jespersen, with assistance from Lakhdar Lamari and me. Indexing all CPDS volumes from 1954 to 1996 according to title, host, disease and pathogen was completed in the last year. It is hoped that this searchable index will soon be published on the CPS website. Work is already underway to add to the index all the issues before and after this 43-year period. A separate project that was accomplished in the last year was scanning into a searchable PDF format all the pre-1997 volumes of CPDS back to 1929. PMRA assisted with this monumental task and the volumes are now on the CPS website.

The Board of CPS is considering the institution of publication charges for articles in CPDS as a means to reduce the Society's budgetary deficit. I have recently sent a memo to the section editors and many authors of recent articles in CPDS requesting their reaction to this proposal. It is important not only for the Society to eliminate its deficit, but also that pathologists not be discouraged from submitting reports to CPDS.

Respectfully submitted, April 10, 2007
Robin Morrall, CPDS National Coordinator
Department of Biology
University of Saskatchewan
Saskatoon, S7N 5E2.

Report of the CPS History Project Steering Committee

The committee has made tremendous progress in our project to write the companion text updating Conner's book History of Plant Pathology in Canada. We currently have a first draft exceeding 400 type written pages. This draft is being circulated to Committee members to:

- a) identify omissions of groups and individuals.
- b) develop a consistent style of presentation.
- c) do an editorial review.

The Committee has sent out a call for photographs (see item in this Newsletter) and have made a request to a Private Foundation for a Grant to aid in the publication. Our target date for this book is 2008. However, it is still not too late to submit a bio for inclusion into this Book but it is getting late!! Please, contact Denis Gaudet (gaudetd@agr.gc.ca, Ph. 403-317-2278) for further information.

Respectfully Submitted,

Denis Gaudet
Jack Sutherland
Ron Wall
Dick Stace-Smith
Lu Piening
Roy Whitney
Verna Higgins
Guillemond Ouelette
Bud Platt

CPS Info Products Report June 2007

Diseases of Field Crops in Canada

From January to December 31, 2006, there were 615 DFCC books sold. The was up slightly from the previous year when 570 sold. We currently have 1,111 book remaining in the UEP inventory (as of May 11, 2007). Based on the rate of sales, we have enough supply for 2 years maximum.

Maladies des grandes cultures au Canada (MGCC)

MGCC was published in December 2004 and launched in January 2005 at the Salon de l'Agriculture in Saint Hyacinthe, QC. Sales were brisk in 2005 and, coupled with the pre-publication sales to sponsors, by December 2005 about 1,100 of the 3,000 printed were sold. In 2006 sales were sluggish; a total of 59 copies were sold, including those sold during the CPS annual meeting in Québec City. It is probable that some of the book sponsors who purchased multiple copies in advance are still distributing them to their clientele.

Diseases and Pests of Vegetable Crops in Canada

There are 372 copies of the English edition of DPVCC in the ESC inventory and 40 French CD's.

The proposed revision to *Diseases and Pests of Vegetable Crops in Canada* is progressing

well. The editorial board (M.R. McDonald, R. Howard and B.D. Gossen) has proposed breaking the book into a series of smaller volumes that are directed to producers, while still being useful for students and academics. The editors have proposed crop groupings for each volume, and have developed draft lists of topics and potential editors for several volumes. The Entomological Society of Canada has agreed to permit use of the text and materials from DPVCC in the new series. A business plan for the series has been developed and will be reviewed by the CPS executive board at its next meeting, together with proposals for format and marketing of these books.

Respectfully submitted by,
Karen Bailey, Robin Morrall, Bruce Gossen

Report of the ad-hoc Historical Resources Committee

The Historical Resources Committee receives material from CPS members that is of historical importance to the Canadian Phytopathological Society, and thus, of importance to Canadian society as a whole. All materials received by the Committee are deposited with Archives Canada in Ottawa who have assumed the responsibility for the long term archival of Society documents. We have a vibrant Society composed of members that have made, and continue to make valuable contributions to science and Canadian agriculture. In addition, members, through their benevolent donations of time and resources, make substantial contributions to the betterment of humanity, at the local, national, and international levels. Following numerous discussions with personnel at Archives Canada, it is clear that any information, (documents, photocopies, designation of awards, etc.) associated with CPS members is of archival value.

We can archive materials with Archives Canada once every 5 years. However, I am willing to receive materials at any time and store them until an agreement with Archives Canada to deliver materials is made. They will receive our Journal, Newsletters, Proceedings etc., and any documents generated by Board members. It is imperative that past-presidents (and possibly past-secretaries) forward their notes/correspondence/society dealings as soon as they no longer need them (consider 3-5 years after serving on the Board). However, CPS members must also keep in mind that many other documents could be invaluable. For example, a prepared speech presented at a colleague's retirement party highlighting his/her contributions would be valuable. Newspaper clippings (government/university reports news etc.) highlighting a special award/recognition received for public/private service would also be important.

Please continue sending materials to:

Denis A. Gaudet
Plant Pathologist/Phytopathologist
Agriculture and Agri-Foods Canada/
Agriculture et Agroalimentaire Canada
Lethbridge Research Centre/ Centre de
recherches de Lethbridge
5403 1st Ave. South/1, Avenue South,
bureau 5403
Lethbridge, Alberta/ Lethbridge/ (Alberta)
Canada, T1J 4B1

Telephone/Téléphone: 403-317-2278
Facsimile/Télécopieur: 403-382-3156
gaudetd@agr.gc.ca

Respectfully submitted

D. A. Gaudet

Canadian Phytopathological Society Membership Committee Annual Report - 2007

2007 Membership Total (as of May 8,
2007): **405**

Regular members: 289
Emeritus members: 58
Student members: 50
Sustaining Associates: 8

The number of members renewed by May 8, 2007 is approximately 10% higher than the number renewed last year at the same date. It is expected that late membership renewals and additional new members will bring the total up to 450 by the year end since there are many 2006 members who have not renewed their 2007 membership yet.

Membership numbers have been fairly constant over the last several years with a slight increase in 2007. Total membership has varied between 395 and 432 members in the period between 2000 and 2006.

CPS Membership Totals 2000 - 2007:

2007*	2006	2005	2004
405	432	395	401

2003	2002	2001	2000
409	418	405	406

*preliminary estimate.

2007 Membership by Geographic Region:
Canada: 339; US: 45; International: 21

Number of Canadian Members by Province:

ON - 87; BC - 57; MB - 53, AB - 43; SK -
44; QC - 31; PE - 8; NB - 9; NS - 5; NF - 2

CJPP - Members Journal Selections:

Popularity of the on-line edition of the CJPP continues to increase. In 2007, 43% of members paid for access to the electronic edition of the Journal in

comparison to 36% in 2006, 31% in 2005, 28% in 2004 and 22% in 2003.

New Members

CPS has 53 new members as of May 8, 2007. On behalf of CPS, I would like to extend a warm welcome to the following new regular and student members:

New Regular Members:

Abdullahi, Ismail
 Armstrong, Cheryl
 Castell-Miller, Claudia
 Castle, A.J.
 Clark, Alana
 Driessen, Susanna
 Ferguson, Tim
 Fox, Stephen
 Gore, Sherry
 Grieger, Ardelle
 Halley, Scott
 Johnson, Dennis
 Jordan, Katerina
 Khan, Jahangir
 Knihnisk, Candace
 Liu, Guosheng
 Masri, Saad
 McCartney, Curt
 Metzler, Joseph
 Neate, Stephen
 Rekhi, Abdul Rauf
 Stanescu, Dumitru
 Tesfaendrias, Michael Teclé
 Thomson, Lawrence
 Tian, Xiuling Lynn
 Turnbull, George
 Voth, Douglas
 Wei, Yangdou

New Student members:

Aboukhaddour, Reem
 Alkher, Hassna
 Anderson, Steen
 Balint, Stela
 Bergen, Kate
 Byamukama, Emmanuel
 Cohen-Skali, Aurelie
 Cortes, Alejandra
 El-Oridi, Mohamed

El-Bebany, Ahmed
 Farid, Kadi
 Gillis, Evan
 Grant, Lynn
 Hart, John Patrick
 Henriquez, Maria Antonia
 Kennedy, Regan
 Liang, Yue
 Menat, Jennifer
 Miyamoto, Mitsuko
 Qandah, Issa
 Rezaey, Maryam
 Vail, Sally
 Wally, Owen
 Wolken, Jane
 Yang, Yalong

The following **Sustaining Associates** have generously supported the CPS for 2007:

- Agricultural Certification Services Inc.
- Busch Agricultural Resources Inc.
- Dow Agrosiences Canada Inc.
- Dupont Canada Agricultural Products
- Philom Bios Inc.
- Phyto Diagnostics Co. Ltd.
- Pioneer Hi-Bred Production Limited
- Syngenta Crop Protection Canada Inc.

I would also like to thank our many members who generously support CPS with donations to the various awards funds. The following individuals have supported CPS awards in 2007:

Tom G. ATKINSON, Karen K. BEDFORD, Robin K. CAMERON, Randall M. CLEAR, Marvin J. ERB, Ralph H. ESTEY, Julie GOLD-STEINBERG, Bruce D. GOSEN, Steve M. HABER, Richard I. HAMILTON, John Patrick HART, Verna J. HIGGINS, Ronald J. HOWARD, Lawrence M. KAWCHUK, Randy H. KUTCHER, George LAZAROVITS, C. André LÉVESQUE, John W. MARTENS, Colin D. MCKEEN, James G. MENZIES, Robin A. A. MORRALL, Knud MORTENSEN, John NORTHOVER, H.W.

(Bud) PLATT, David PUNTER, Denis A. SHAH, Richard STACE-SMITH, Andy TEKAUZ, James A. TRAQUAIR, Edmund W. B. WARD, John M. WEBSTER, Harold WRIGHT

This is my first year as CPS Membership Secretary and Chair of the Membership Committee; I am learning on the job and hope to provide the members with the services available at the Society. Please feel free to contact me at 204-822-7220, or by email at Krashid@agr.gc.ca.

Membership Committee members:

Khalid Y. Rashid, Chair
Dilantha Fernando/ Sarah Hambleton, Treasurer
Rick Peters, Reg. Rep, Maritimes
Russell Tweddell, Reg. Rep. Quebec.
Bernard Vigier, Reg. Rep. Eastern Ontario.
Mary Ruth McDonald, Reg. Rep. Western Ontario.
Fouad Daayf, Reg. Rep. Manitoba
Godfrey Chongo, Reg. Rep. Saskatchewan.
Denis Gaudet, Reg. Rep. Alberta.
Janice Elmhirst, Reg. Rep. B.C.

Respectfully submitted by
Khalid Y. Rashid
CPS Membership Secretary

CPS-SCP News Editors Report

Once again publication of the CPS-SCP News is progressing well and we look forward to working with you and would gratefully welcome any submissions, suggestions, comments, and corrections that you may have. Based on a recent newspaper article we would like to suggest the creation of a section devoted to fond memories of work experience in the area of plant pathology. The purpose of the section would be to share anecdotes and humorous reflections based on our experience as researchers and students in the area of plant pathology. An example

of this appears in the “Fond Memories” section of the current issue.

Our main limitations in terms of newsletter preparation and distribution are the timely submission of material for each issue and the tardiness of the CPS-SCP News Editor. Members are encouraged to submit material for future issues of CPS-SCP News by the deadline indicated in each issue, while the CPS-SCP News Editor will do his best to prepare and distribute the newsletter in a timely fashion.

Once again we would like the CPS-SCP to consider moving to the distribution of an electronic-only copy of the newsletter, while distributing hard copy versions for those members that request a printed version.

French submissions for the various newsletter sections are also encouraged by the CPS-SCP News Editors.

Respectfully,

Kelly Turkington, Editor, CPS-SCP News
Jim Menzies, Associate Editor, CPS-SCP News

Announcements

5th Canadian Workshop on Fusarium Head Blight (5th CWFHB)

The ‘5th Canadian Workshop on Fusarium Head Blight’ (5th CWFHB) is scheduled for Winnipeg, Manitoba, November 27-30, 2007. The scientific program will include a Plenary Session, Research Topic Sessions under the headings of Resistance Breeding, Genomics and Genetics, Physiology of Resistance, Mycotoxins, Epidemiology and Management, and

Health and End-Use Safety, with invited speakers, as well as poster presentations. To individually receive future announcements please contact registrar Brent McCallum (bmccallum@agr.gc.ca) and include the subjects line “CWFHB more info”.

For any additional information please contact Organizing Chair, Andy Tekauz (atekauz@agr.gc.ca).



5th Canadian Workshop on Fusarium Head Blight

5^{ème} Colloque Canadien sur la Fusariose

Photos Photos Photos.

The CPS project “History of Plant Pathology in Canada” is moving forward! We currently have the first draft! The Committee wishes to thank the numerous individuals who have contributed to this project. Although time is running out, there is still time to send a contribution if you have not yet sent one. So do it now.

We still have yet another request to make. However, this is the easy part. We are soliciting photos from all of you who have contributed bios. Photos (or other illustrations) will add greatly to interest and usefulness of the book.

We are requesting up to three clear photos for a possible selection, of the following:

- a) Head and shoulders of a prominent pathologist, including yourself.
- b) One or more pathologists at work in the field or in the laboratory.
- c) A fungus or disease showing characteristics and/or damage.

The best format would be an electronic version sent as a .jpeg or .tif file, typical of those produced by current digital cameras. You can keep these files less than 1 MB in size for ease of sending via email. We will also accept slides, and black and white and colour prints. Ultimately, these will be scanned and converted to an electronic version.

We won't guarantee that photos sent will be employed but all used in the book will be acknowledged as to originator. Secondly, depending on the cost considerations, we may choose colour or greyscale (B&W) versions. Slides and hardcopies of photos sent will be eventually returned to the originator.

Please send your photos to:

Denis A. Gaudet
AAFC Research Centre
Box 3000
Lethbridge, Ab, Canada
gaudetd@agr.gc.ca

Plant Canada Conference Webpage

The Plant Canada Conference webpage (<http://www.plantcanada.ca/2007.htm>) has been updated. The program schedule and poster titles are now available for downloading. A draft of the program schedule and poster titles has been posted to the website. Debbie Apfeld, the conference manager will send an email to all registered participants asking them to check the site to confirm receipt of the abstract and the format. Errors should be addressed to Richard Gugel (gugelr@agr.gc.ca) and Ginette Seguin-Swartz (seguing@agr.gc.ca).

A draft of the abstracts will be available soon. The Local Organizing Committee will be providing abstracts only in a downloadable PDF format on the website. The Conference organizers will provide a hard copy of the schedule and poster titles in the registration package.

Karen Bailey

Western Committee on Plant Disease:

The Western Committee on Plant Disease has posted on the internet the updated WCPD guideline chapters (<http://www.westernforum.org/>), as well as the image collection information and the meeting notification. Please have a look and let me know if you would like any changes. If you have trouble viewing files or are still getting last year's files, please make sure you have installed Adobe Acrobat Reader version 7.0 or better. Also try hitting the "refresh" button. You may be viewing an outdated version of this page. To prevent this from reoccurring in Internet Explorer, select Tools> Internet Options> General> Settings, and click "Every visit to the page" under "Check for newer versions of stored pages"> click OK. Right click on the desired link, select

"Save target as.., navigate to a storage location, and click save. Open the saved file using Windows Explorer, etc.

If you still having problems accessing this information, please contact:

Ralph Lange, Website Editor at (780) 632-8226, or by email at: Ralph.Lange@arc.ab.ca

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Robert Spencer at (403) 742-7901 or by email at: Robert.Spencer@gov.ab.ca.

North American Plant Protection Organization's Phytosanitary Alerts for Gladiolus Rust and Sweet Potato Chlorotic Stunt Virus

The following articles are from the North American Plant Protection Organization's Phytosanitary Alert System website (<http://www.pestalert.org/index.cfm?NAPPOLanguagePref='English'>) and are meant only for your interest.

Official Pest Reports are provided by National Plant Protection Organizations within the NAPPO region. These Pest Reports are intended to comply with the International Plant Protection Convention's **Standard on Pest Reporting**, endorsed by the Interim Commission on Phytosanitary Measures in March 2002.

Gladiolus Rust, *Uromyces transversalis* (Thum.), detected again in Florida

Date posted: 04/16/2007

Contact: Dr. Anwar Rizvi; (301) 734-4313

On February 20, 2007, an inspector with the Florida Department of Agriculture and Consumer Services submitted gladiolus leaf samples that were suspected of being

infected by gladiolus rust (GR) to the Plant Protection and Quarantine's (PPQ) National Identification Service for confirmative diagnostic testing. These samples were collected from a commercial gladiolus production facility in Manatee County, Florida. On February 23, 2007, NIS confirmed GR infections in the sample. The detection of GR in Manatee County represents the first known occurrence of this disease in 2007. In 2006, GR was detected for the first time in the United States at the same gladiolus production farm. Further survey of the affected production sites revealed more GR-infected plants, mostly in plots where cut flowers were already harvested and plants were kept alive for new corm maturation. As a result, USDA issued an Emergency Action Notification (EAN) on March 2, 2007. More recently, on March 27, 2007, GR was positively identified in a gladiolus sample collected from a nursery in Clewiston, Hendry County, Florida. An EAN is being issued in response to this detection as well. In response to this situation, APHIS convened a group of GR experts to provide technical support for mitigation and eradication of the rust following the National GR Management Plan for Exclusion and Eradication. This technical group initiated weekly conference calls starting on February 22, 2007. Gladiolus rust is of plant quarantine importance in Europe and the United States. This fungus primarily attacks hybrid cultivars of gladiolus grown for flower production and could have significant impact if it became established or was transported into greenhouses or nurseries. Under IPPC standards, gladiolus rust is considered to be a pest that is transient: actionable and under eradication in the United States.

Sweet potato chlorotic stunt virus

First report of Sweet potato chlorotic stunt virus in North Carolina, United States

IDENTITY

Name: *Sweet potato chlorotic stunt virus*

Taxonomic Position:

Closteroviridae

Common Names:

SPCSV

Significance:

Sweet potato chlorotic stunt virus (SPCSV) was detected for the first time in North Carolina, United States. Sweet potato chlorotic stunt virus when found in association with Sweet potato feathery mottle virus (SPFMV) causes Sweet potato virus disease (SPVD), a serious disease originally described in Africa in the 1970's. Sweet potato chlorotic stunt virus is the whitefly transmitted component of the disease. Sweet potato feathery mottle virus is transmitted by aphids. The only other U.S. report of SPCSV was from a single accession in the USDA Sweet Potato Germplasm Repository. No other detections of SPCSV have been reported in the United States. In both cases of U.S. SPCSV detection, SPFMV was also present.

Two isolates of SPCSV were collected in North Carolina in 2001 and 2003. The isolates were collected from separate fields of cultivar Beauregard sweet potatoes; however, they differed by only six nucleotides and were identical at the amino acid level. Additional molecular work suggests this U.S. population is not a recent introduction.

Symptoms of the infected plants were typical of SPVD, including stunting, leaf narrowing and distortion, vein clearing, and chlorotic mosaic.

Issues of Concern:

When in association with SPFMV, SPCSV can cause serious yield losses in susceptible cultivars. Control measures are limited to using clean planting material and the use of resistant or tolerant cultivars.

Pathways:

Can be moved by infected planting material and grafting but is not seedborne or likely to be transmitted by contact between plants.

Hosts:

Ipomoea batatas

Vector(s)/Dispersal:

Bemisia tabaci and *Trialeurodes abutilonea*

OTHER INFORMATION:

References:

Abad, J. A., E. J. Parks, and S. L. New. 2007. First Report of Sweet potato chlorotic stunt virus, a Component of Sweetpotato Virus Disease, in North Carolina. *Plant Disease*. 91: 327.

CABI. 2006. *Crop Protection Compendium*. CAB International. Wallingford, UK.

Canadian Plant Disease Survey – A Searchable Index, 1954-2007

A new computer utility for searching the Canadian Plant Disease Survey (CPDS) will be available for download on the CPS website by the first week of June, 2007 at <http://www.cps-scp.ca/cpds.htm>. Currently it covers the years 1954 to 2007.

The CPDS Index is a key word index. It lists all pathogens, diseases and disorders reported in each published paper. It is necessary to refer to the original article published in the CPDS to verify the correct host, pathogen and location for each citation of interest. The software makes this an easy task. Once you have performed a search, the software will retrieve an article for you in PDF format from the CPS website with the click of a button.

Key words recorded in the CPDS Index include all pathogen names reported in the CPDS, as well as common disease names, hosts, province or location, authors, article titles, and the volume and page numbers. The disease name field also includes physiological or non-pathogenic disorders.

How the Index was compiled

Creation of an index to the CPDS was a goal of the CPS strategic plan presented at the 2000 meeting in Victoria. During discussions on how to approach this index, it came to our attention that there was an existing 40-year index created by Agriculture and Agri-Food Canada, published in 1995 in WordPerfect format on diskette:

A Forty Year Index to Canadian Plant Disease Survey, 1954 to 1994
Compiled By: Research Information Management Service, Information and Planning Services, Research Branch, Agriculture and Agri-Food Canada

The index was missing some volumes and did not include all pathogens and crops reported in the CPDS. It was transferred into plain text format for proofing and completion by Gayle Jespersen, BC Ministry of Agriculture and Lands, and Robin Morrall, University of Saskatchewan. An extra field was added to separate

scientific and common disease names. Volumes for 1995 to 2007 were also indexed, and this process is ongoing.

The software utility was designed and programmed by Dr. Lakhdar Lamari, University of Manitoba, Winnipeg. The software adds greater functionality and ease of use to access and search the index.

A separate but related project underway at the same time involved scanning all of the older issues (1996 and earlier) of the CPDS. This was undertaken by PMRA under the direction of Christopher Dufault. Issues from 1927 to 2007 are now available on the CPS website at <http://www.cps-scp.ca/cpds.htm>.

The combination of the searchable index and the scanned journals create a new and powerful tool for extracting historical information on disease occurrence in Canada.

Gayle Jespersen

Canadian Plant Hormone Profiling Centre Initiative

A message from Peta Bonham-Smith, Andrew Ross, and Sue Abrams at the University of Saskatchewan and National Research Council, Saskatoon.

We are proposing to establish the Canadian Plant Hormone Profiling Centre as a national resource for plant hormone biology, to be located in Saskatoon. The Centre will offer hormone profile analyses, training and workshops in plant hormone research. Currently the NRC plant hormone profiling team can analyze more than twenty compounds from the cytokinin, auxin, GA and ABA pathways in a single sample, with JA and SA analysis carried out separately. The technology is

based on HPLC-MS/MS using isotopically labeled internal standards for quantitation (Chiwocha *et al.* 2005 Plant J. 42: 35-48).

We are applying to NSERC for a Major Resources Support (MRS) grant and to Genome Canada for funding to develop and provide subsidized services in targeted plant hormone profiling technology. NSERC funding will make hormone profiling available at a non-restrictive cost to ALL Canadian and international plant researchers. We have already received tremendous support for this initiative from the Canadian and International plant biology research community.

Please contact Peta Bonham-Smith bonhamp@usask.ca or Sue Abrams sue.abrams@nrc-cnrc.gc.ca to support our proposals to NSERC and GC and to find out more about services offered currently.

Meeting Report

International Potato Scab Conference at Guelph, Ontario, Canada, March 5-6, 2007

The International Potato Scab Conference was held at Guelph, Ontario on March 5-6, 2007. The conference was attended by 155 people and the attendees included a blend of researchers, extension personnel and a large number of potato farmers. Farmers comprised approximately 70% of the attendees and they included individuals from Ontario, Quebec and some from PEI, N.B. MB, Michigan, Wisconsin and Pennsylvania. The conference provided an excellent opportunity to share experiences with scab management from a world-wide perspective.

The conference was sponsored by the Ontario Potato Board and organized by Dr. Eugenia Banks (Potato Specialist, Ontario Ministry of Agriculture, Food and Rural Affairs, OMAFRA). Funding had been obtained from provincial (Horticultural Crops Ontario) and federal government (AAC) agencies. A number of private companies helped to sponsor meals and hospitality events at the conference. The Chairman of the Ontario Potato Board (David MacKenzie) opened the conference and indicated that potato growers in Ontario are experiencing more difficulties with scab and workable solutions for scab control from research personnel would be welcomed.

An extensive assessment of over 100 potato varieties/seedlings had been evaluated each year (2005-6) in a naturally infested scab research plot to assess susceptibility/resistance to common scab under conditions at the test site in Alliston, Ontario, Canada. Tuber samples were put on display at the conference (See photo of table full of tuber samples). Under the conditions tested, some varieties have displayed excellent field resistance to scab and other consistently displayed susceptibility to scab with evidence of surface and pitted symptoms. A summary of the varietal susceptibility to scab evaluations, from the Ontario trials was compiled by Dr. Eugenia Banks and was included in the registration package for all attendees. Of the 187 varieties/seedlings

tested, the ratings were: 11 very tolerant, 29 good tolerance, 14 some tolerance, 41 susceptible, 44 very susceptible and 48 extremely susceptible. Some major use table and processing varieties were in the latter two categories.

The attendees were provided with abstracts from the speakers as well as the biographies of the speakers. The Conference included speakers from

around the world with some speakers traveling from as far away as South Africa and Australia. In addition to the 14 presentations, 13 posters were presented to include highlights of research from programs in Canada, USA, Australia and Israel.



Tuber sample display, International Potato Scab Conference, Guelph, Ontario, March 5-6, 2007

A consistent message from all speakers and growers is that common scab on potatoes continues to increase. The increase in scab symptoms on potato tubers is having an economic impact on growers, packers and processors. Compared to its status 10-15 years ago, the disease has moved from a relatively lower importance in potatoes to a major disease issue. While surface scab may render the potatoes non-marketable for seed and table (ware) markets, they may still be used for processing into French fries and chips (crisps). Pitted scab is increasing and makes potatoes unsuitable for use in processing as removal of the potato skin still leaves deep pits in the flesh that reduces the quality of chips and

fries. A major challenge now exists to develop effective control and management practices. Several pathologists explained the scab bacteria (*Streptomyces scabies*) produces a phytotoxin called Thaxtomin A (identified by Dr. Rus King, AAFC, New Brunswick, Canada) that interferes in normal cell wall synthesis in developing potato tubers.

From the diversity of presentations made at the conference, attendees to the meeting obtained a clear picture of the current state research on common scab. People were urged to continue dialogue and share experiences. A proposal was made to develop an international newsletter on new developments/ research on common potato scab. Funding is being sought, and Lukie Pieterse (Global Potato News) enthusiastically agreed to coordinate the newsletter. Researchers, working on scab, found the conference to be beneficial in sharing their results and discussing their on-going programs with other scientists.

For more information on the International Scab Conference held at Guelph, Ontario, Canada, from March 5-6, 2007, please contact: Dr. Eugenia Banks, OMAFRA, Guelph (eugenia.banks@ontario.ca) and Dr. Robert Coffin, Crop Specialist, Cavendish Farms PEI (coffin.robert@cavendishfarms.com).

Fond Memories

Field work in the Meadow Lake area of Saskatchewan

Recently my Dad came for a visit to Lacombe and had brought along the May 2nd, 2007 issue of the Saskatoon Star

Phoenix. It was with some sadness that I noted the untimely destruction by fire of the Lumber House Restaurant in Meadow Lake, Saskatchewan. We had spent a lot of time in the Meadow Lake area doing field work on sclerotinia stem rot of canola during the summers of 1986 to 1990, and I have many fond memories of enjoying a hearty pizza at the Lumber House Restaurant and the company of good colleagues. My graduate student supervisor at the time, Professor Robin Morrall had a particular favourite, the Lumberhouse Meat Lovers' Pizza - or how to make sure you would not get a good night's sleep after a long hard day in the field! I am sure that Robin will be quite disappointed as the Lumber House was one of a few restaurants that were bold enough to serve chilled red wine. However, this was not Robin's first experience of Meadow Lake chilled red wine. In 1975 he was up in the Meadow Lake area on a canola disease survey with Dennis McGee (a Scottish Australian, now resident in the USA) and ran into another restaurant in a local Hotel that also served chilled red wine. At the time though, Robin did not partake in the forbidden pleasures of chilled red wine and sent the carafe back and ordered beer. This Hotel restaurant was also noted for the residual fried rice on the plastic table covers visible at breakfast time and for having an off-sale area for beer where the vendor is protected by bullet-proof glass.

The Lumber House will be missed. For us it was ideally located in that we could actually park directly in front of the restaurant. Other establishments in Meadow Lake and Melfort, SK (where we also worked) were either part of a local tavern/bar or were located close to a government liquor store. Having lunch or supper at these other establishments meant that we had to discreetly park our white Ford pickup truck, emblazoned with a large University of Saskatchewan logo, well away from the liquor store or any nearby tavern/bar so as to limit any potential negative im-

pressions of the U. of S. and its Department of Biology staff and students.

Respectfully submitted by T. Kelly
Turkington.

Submission Deadline for the September issue of CPS - SCP News

PLEASE NOTE: The submission deadline for the **September issue** of CPS - SCP News is **August 3, 2007**. **If you send photographs for publication in the CPS-SCP News please ensure that you indicate that all individuals appearing in the photographs have given permission for their photographs to appear in the newsletter. Photographs will not be published if permission has not been obtained from the individuals involved.**

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People and Travel

Mary Ruth McDonald

Mary Ruth McDonald, Dept of Plant Agriculture, Univ. of Guelph, was invited to present a seminar for the Plant Pathology Department of the New York State Agricultural Experiment Station, part of Cornell University located in Geneva, New York. The seminar title was "Developments in the management of the major diseases of muck vegetables". As part of the trip she also had the opportunity to visit with plant pathology faculty Chris Smart, Gary Harman, and George Abawi, in addition to seed physiologist Al Taylor.