

# CPS • SCP News



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

VOL. 49, NO. 4

[www.cps-scp.ca](http://www.cps-scp.ca)

December 2005

## Mot du Président/ President's Message

**André Lévesque**

### Colloque sur le Réseau phytosanitaire canadien

Lors de la réunion annuelle du *Western Pest Management Forum*, le président Bruce Gossen a organisé ce colloque. Kitty Cardwell, directrice du Réseau national de phytodiagnostic, a fait une présentation fort impressionnante sur le développement et les composantes du nouveau réseau américain. La motivation du départ était



la protection des plantes contre des actes délibérés d'introduction d'agents pathogènes. Des ressources importantes ont été investies dans ce réseau. Son efficacité a été démontrée dans le feu de l'action avec la mort subite du

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chêne et la rouille du soja, des introductions accidentelles de nouvelles maladies. Liz Foster, Directrice des services de laboratoires des végétaux & biotechnologie, Agence canadienne d'inspection des aliments, a présenté un modèle possible de réseau phytosanitaire pancanadien pour protéger le pays contre les espèces exotiques envahissantes. Je crois fermement que notre société peut jouer un rôle clé dans cette nouvelle structure grâce à l'expertise et la diversité de nos membres. Nos publications contiennent la plus grande quantité d'information scientifique et historique sur les maladies des plantes au Canada. Un réseau qui permettrait de mieux supporter les laboratoires de diagnostic, de mieux gérer les données, de mieux valider l'identification des espèces qui

causent des risques pour notre production et nos exportations, de partager certaines informations en temps réel et d'augmenter nos efforts en dépistage serait un pas important pour la protection des végétaux au pays. Voir le rapport du Comité des politiques scientifiques de Bruce Gossen pour plus de détails sur cette initiative importante. C'est à suivre...

### **Initiative nationale sur les collections de microorganismes**

L'initiative sur la création d'une organisation nationale qui aiderait à réseauter et maintenir nos collections nationales est un autre exemple de politique scientifique où la SCP s'est impliquée grâce à Tom Forge qui avait poussé de l'avant cette initiative. Le ministère de la Défense nationale par l'intermédiaire de l'IRTC (<http://www.crti.drdc-rddc.gc.ca/>) a subventionné une étude de faisabilité sur la création et le soutien d'un tel réseau et organisation. L'appel d'offre 01B68-060084/A par Travaux publics et Services gouvernementaux Canada intitulé Étude de faisabilité se trouve sur <http://www.merx.com> sous Services et Recherche et développement. La date de fermeture est le 9 janvier 2006. Parallèlement à cet effort, une enquête commencera en début d'année pour mettre à jour l'inventaire des souchetques. Vous pouvez contacter Carolyn Babcock ([BabcockC@agr.gc.ca](mailto:BabcockC@agr.gc.ca)) pour en savoir plus sur cette enquête. Plusieurs ministères sont impliqués dans ces deux initiatives dirigées par

Agriculture et agroalimentaire Canada et l'Agence de santé publique du Canada.

### **Numérisation de tous les numéros de la Revue canadienne de phytopathologie**

Heather Martin, gestionnaire des opérations d'apprentissage en ligne de la bibliothèque de l'université de Guelph et ses collègues ont numérisé tous les numéros manquants de la Revue canadienne de phytopathologie. C'est un projet important pour notre société qui nous place à l'avant-garde dans ce domaine. C'est grâce aux apports bénévoles de ce genre que nos publications peuvent avoir un impact. Notre revue se classe déjà très bien comparée aux revues du même genre.

Cette initiative ne pourra que la favoriser davantage. Merci Heather.

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***<<J'apprécie les invitations que j'ai reçues pour participer aux réunions régionales. Je vous encourage à continuer d'inviter le président à vos prochaines réunions.>>***

### **Réunions régionales**

En plus de celle du sud de l'Ontario de cet été (voir mon message du numéro de septembre), j'ai participé à deux autres réunions régionales cet automne. Malheureusement, j'ai dû annuler à la dernière minute une quatrième réunion. Les réunions régionales sont une partie cruciale de la base de notre société. On y retrouve une grande diversité de participants, incluant plusieurs qui ne peuvent venir aux réunions nationales pour des raisons souvent financières. On peut entrevoir lors de ces réunions l'avenir de la phytopathologie au Canada. À ces réunions, on peut discuter pour la première fois en public des nouveaux problèmes qui ont eu un impact important pendant l'été ou encore, de nouvelles approches pour lutter contre les maladies.

Des étudiants y font souvent leurs premières armes dans des présentations. On voit donc la relève en action. C'est un privilège de pouvoir assister à plus d'une réunion pendant un court laps de temps et je comprends mieux que jamais pourquoi notre dernier plan stratégique avait donné tant d'importance à ces activités de notre société.

La réunion des phytopathologistes de Colombie britannique a eu lieu à Abbotsford les 17 et 18 octobre. Elle a été fort bien organisée par Siva Sabaratnam, Andrea Buonassisi, Vippen Joshi, Maria Jeffries et Janice Elmhirst. Les membres de Colombie britannique ont invité la SCP à tenir sa réunion annuelle de 2010 dans leur province. La réunion de la Société de phytopathologie de l'Alberta organisée par Ron Howard et son excellente équipe a eu lieu du 8 au 10 novembre à Canmore, après le *Western Pest Management Forum*. La réunion des maritimes organisée par Xianzhou Nie a eu lieu le 1<sup>er</sup> décembre à Frédéricton. On m'y avait invité. Malheureusement, j'ai dû annuler à la dernière minute. Des comptes rendus plus détaillés de ces colloques sont inclus dans ce numéro. J'apprécie les invitations que j'ai reçues pour participer aux réunions régionales. Je vous encourage à continuer d'inviter le président à vos prochaines réunions.

### **Expo-sciences pancanadienne**

J'ai été agréablement surpris de voir l'implication de la société de phytopathologie de l'Alberta dans les compétitions expo-sciences pour les jeunes de la province. Nous avons besoin de relève. L'idée de créer un intérêt chez les jeunes est excellente. Ce genre d'initiative pourrait être mis en place dans d'autres provinces si ce n'est pas déjà fait. La société de phytopathologie de l'Alberta décerne des prix et encourage fortement ses membres à participer comme juges. Byron Puchalski est très impliqué dans sa

province. Byron est une source d'information intarissable sur l'importance et le processus de ces compétitions qui peuvent mener à la finale nationale. Cette année, la compétition nationale aura lieu dans la Ville de Saguenay les 16 et 17 mai 2006. Des présentations reliées à la phytopathologie devraient s'y dérouler. On recherche des juges. Vous pouvez offrir votre collaboration en communiquant avec Robert Loiselle ([robert\\_loiselle@uqac.ca](mailto:robert_loiselle@uqac.ca)) au Département des sciences fondamentales, Université du Québec à Chicoutimi. Je crois qu'il est important que la SCP y soit représentée.

### **Nouvelle édition du livre Maladies et ravageurs des cultures légumières au Canada**

Tel que mentionné dans mon message de septembre, la version française qui était épuisée est maintenant disponible en version CD-ROM. Ce livre est excellent, mais il a été publié en 1994. Certaines sections ont besoin d'une mise à jour. C'était une des raisons pour ne pas le réimprimer. Il faut donc commencer à penser à une nouvelle édition. Bruce Gossen, Mary Ruth McDonald et Ron Howard sont en train d'évaluer différentes options. Si vous voulez participer à ce processus, n'hésitez pas à les contacter.

### **Réunion annuelle de 2005 avec Plant Canada**

Il a été décidé que Plant Canada puisse garder \$5000 des profits de la réunion, et ce, pour aider à financer l'organisation de la prochaine réunion. Une fois les dépenses rencontrées, comme le repas pour l'AGA et le coût de notre colloque comptabilisé, il figure au livre de la SCP près de \$5,000 de profit. Merci encore à Mike Deyholos pour l'organisation et le succès financier de cette réunion.

## Réunion annuelle de 2006

Les préparatifs de la réunion de l'été prochain (29 juillet au 2 août 2006) avec les sociétés américaines de mycologie et phytopathologie vont bon train. Nous pensons que vous serez nombreux à participer à cet événement qui va réunir pour la première fois ces trois sociétés, sur un des plus beaux sites historiques en Amérique du Nord. Consultez régulièrement (<http://meeting.apsnet.org/>) et réservez le plus tôt possible.

## Prix de notre société

Notre société décerne des prix annuellement. L'historique des prix qui ont été décernés se retrouve dans l'annuaire des membres et à <http://www.cps-scp.ca/previousawardees.htm>. Reconnaître l'excellence de certains collègues est une fonction importante des associations scientifiques. Pour vos mises en candidature, surveillez l'annonce officielle de Suha Jabaji-Hare.

Je souhaite donc à toutes et tous de Joyeuses Fêtes et une très Bonne Année 2006 qui s'annonce déjà riche en événements pour notre société.

## Symposium on a Plant Health Network for Canada

Bruce Gossen organized this symposium during the annual meeting of the Western Forum on Pest Management that he chaired. Kitty Cardwell, Director of the US National Plant Diagnostic Network, gave an impressive presentation on the development and the components of the new US network. The original goal was to protect plants against deliberate introductions of plant pathogens and significant resources have been invested

in this endeavour. Its efficiency was demonstrated through a baptism by fire with sudden oak death and soybean rust, which were recent introductions of new diseases. Liz Foster, Director, Plant Health & Biotechnology Laboratory Services, Canadian Inspection Food Agency, presented a model for a Plant Protection Network for Canada to help us prepare better against Invasive Alien Species. I feel strongly that our society can play a leading role in this new organization because of the expertise and diversity of our membership. Our publications contain the largest quantity of scientific and historical information on plant diseases in Canada. A network that would provide better support for diagnostic laboratories, which would help to better manage data, to validate identification of species that put our production and exports at risk, to share selected information in real time, and to increase our efforts in surveillance would be an important step in plant protection for our country. Please see the Science Policy committee report for more details on this important initiative. Stay tuned...

## National initiative on microbial culture collections

Initiating the creation of a national organization that would help network and support our national collections is another example of scientific policy where the CPS was involved. Tom Forge led this initiative. The department of National Defence through CRTI (<http://www.crti.drdc-rddc.gc.ca/>) funded a feasibility study on the creation and support of such a network and organization. A call for proposals entitled Feasibility Study (01B68-060084/A) from Public Works and Government Services Canada can be found at <http://www.merx.com> under Services and Research & Development. The closing date is January 9<sup>th</sup>, 2006. At the same time, a survey will be conducted in the

New Year to update the directory of culture collections. You can contact Carolyn Babcock (BabcockC@agr.gc.ca) if you want to know more about this survey. Several departments are involved in these two initiatives led by Agriculture and Agri-Food Canada and the Public Health Agency of Canada.

### **Digitization of all the issues of Canadian Journal of Plant Pathology**

Heather Martin, Manager of E-Learning Operations, University of Guelph Library, and her colleagues have digitized all the older issues of CJPP that were not on-line. This is an important project for our society, keeping us at the leading edge in this area. The support of volunteers is crucial to maintain the impact of our publications. Our journal is already well placed compared to other similar journals and this initiative can only make it better. Thank you Heather.

### **Regional meetings**

In addition to the Southern Ontario CPS regional meeting this summer (see my message in the September issue), I participated to two other regional meetings this fall. Unfortunately, at the last minute I had to cancel a fourth meeting. Our regional meetings are an essential grassroots activity for our society. I found a great diversity in participants, including many that would not come to national meetings often because of financial constraints. One can foresee during these meetings the future of plant pathology in Canada. It is during these regional meetings that new diseases that showed up during the past summer or new approaches for disease management are discussed for

the first time in a public forum. Students often make their first presentation at a scientific meeting, giving us a glimpse of the new generation. To be able to attend a few regional meetings in a short period of time is a privilege and I understand better why our last strategic plan emphasized so much the importance of regional meetings.

The BC regional meeting took place in Abbotsford, October 17-18. It was very well organized by Siva Sabaratnam, Andrea Buonassisi, Vippen Joshi, Maria Jeffries and Janice Elmhirst. The BC members invited the CPS to hold its national annual meeting of 2010 in BC. The Plant Pathology Society of Alberta held its meeting in Canmore, November 8-10, right after the *Western Forum on Pest Management*. It was organized by Ron Howard and his very efficient team. The Maritime regional meeting was organized by Xianzhou Nie and took place on

December 1<sup>st</sup> in Fredericton. I was invited well in advance, but unfortunately I had to cancel at

the last minute. More detailed reports of these meetings are available in this issue of the newsletter. I appreciate the invitations I have received to attend regional meetings and I encourage you to keep inviting the president of CPS to your future meetings.

### **Canada-Wide Science Fair**

I was pleasantly surprised to see the commitment of the Plant Pathology Society of Alberta towards youth science fairs in

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***“I appreciate the invitations I have received to attend regional meetings and I encourage you to keep inviting the president of CPS to your future meetings.”***

the province. We need new plant pathologists and the idea of stimulating interest very early is excellent and might be relevant for other regional groups if they have not done so already. The Plant Pathology Society of Alberta gives awards and encourages members to participate as judges. Byron Puchalski is actively involved in the province and was very knowledgeable about the importance and the process of the competitions which can lead to the national fair. This year it will be held in the city of Saguenay, May 16-17, 2006. There should be some plant pathology presentations. They are looking for judges and you can contact Robert Loiselle (robert\_loiselle@uqac.ca), Département des sciences fondamentales, Université du Québec à Chicoutimi, if you are interested. I believe that it is important that CPS is represented.

### **New edition of Diseases and Pests of Vegetable Crops in Canada**

As mentioned in my message of September, the French version of this book was sold out, but is now available as CD-ROM. This is an excellent book, but some sections are in need of being updated because it came out in 1994. This was one of the reasons for not reprinting the French version. Therefore, we need to think about a new edition. Bruce Gossen, Mary Ruth McDonald and Ron Howard are evaluating different options. Please contact them if you are interested in participating in this process.

### **2005 Annual Meeting with Plant Canada**

It was decided that Plant Canada could keep \$5000 from the profits of the 2005 meeting in order to more easily fund the preparation of the next meeting. Once all the expenses such as the food for our AGM and cost of our symposium were tabulated,

we were left with a profit of approximately \$5000. Once again, I want to thank Mike Deyholos for the organization and the financial success of this meeting.

### **2006 Annual Meeting**

Planning for the annual meeting next summer (29 July-2 August, 2006) with the American Phytopathological and Mycological Societies is continuing at a fast pace. We believe that many of you will want to participate in this event that will have our three societies together for the first time in one of the most beautiful historical sites in North America. You should regularly check the meeting website (<http://meeting.apsnet.org/>) to make sure that you arrange your reservations as early as possible.

### **CPS Awards**

Each year our society gives out awards. The names of previous awardees can be found in the membership directory or at <http://www.cps-scp.ca/previousawardees.htm>. An important function of a scientific society is to allow members to recognize the excellence of their peers. Please watch for the official nomination call that will come from Suha Jabaji-Hare.

I wish you all Happy Holidays and a Happy New Year for 2006 which already appears to be eventful for our society.

## Committee Reports

### **Report of the Science Policy Committee, 2005**

At the annual meeting of CPS in June 2005, the CPS Board decided to augment the activity of the Science Policy Committee with an ad-hoc committee focussed on a Plant Health Network for Canada. As a result of this initiative, the Science Policy Committee contributed substantially towards developing a symposium on a Plant Health Network for Canada. This symposium was convened under the auspices of the Western Forum on Pest Management on November 8, 2005 at Canmore Alberta. At the symposium, Dr. K. Cardwell (Director, Plant Diagnostic Network, USDA) described the network that has been developed in the USA for the rapid identification and containment of invasive pest species, and Dr. E. Foster (Director, Plant Health & Biotechnology Laboratory Services, CFIA) presented the framework for a Canadian Plant Health Network initiative called "PlantProNet." In addition, five individuals were invited to represent the viewpoints of selected interest groups to the CFIA proposal. Three of those individuals were members of the ad-hoc CPS committee; André Lévesque (representing CPS), Mary Ruth McDonald (University), and Bruce Gossen (Plant Canada). The intense interest that was generated at the symposium is indicated by the observation that more than 2/3 of the participants delayed lunch by two hours to continue a question and answer session at the conclusion of the symposium. An updated version of Dr. Foster's presentation will be available shortly on the WFPM website (<http://www.westernforum.org/>), and copies of Dr. Cardwell's presentation are available on CD from B. Gossen.

Recently (early December), CFIA assigned Nora Nishikawa as project co-ordinator for the PlantProNet initiative. This is a very

positive development - we hope that a full-time co-ordinator will accelerate the pace of development of an implementation strategy, work to build a network of diagnostic labs based on existing provincial labs, co-ordinate the Canadian program with the USDA network, and, perhaps most important of all, ensure an ongoing supply of funding to nourish this new network. The ad-hoc committee is working closely with CFIA to ensure that issues important to CPS members are being considered and addressed as the scope and focus of this initiative are developed.

If you would like more information on this issue, have suggestions for other issues that should be considered by the Science Policy Committee, or would like to become involved in the ad-hoc committee, don't hesitate to contact any member of the committee.

Respectfully submitted,  
Bruce Gossen, Chair

## Regional Meetings

### **British Columbia 2005 Regional Meeting Report**

About 40 people attended the 2005 BC-CPS regional meeting held at the Abbotsford Agricultural Centre, British Columbia Ministry of Agriculture and Lands, on Oct. 17-18. Keynote speaker, Dr. David Gillespie, from the Agriculture and Agri-Food Canada - Pacific Agriculture Research Centre, Agassiz, BC gave a thought-provoking presentation on the topic of "Invasive Alien Species: Definitions, Ecology, Evolution and Migration". Although primarily an

entomologist, Dr. Gillespie showed how the issues and scenarios surrounding invasive alien arthropod species apply similarly to plant pathogens as well as to human pathogens and other alien species from weeds to mammals.

We were pleased to welcome Dr. André Lévesque, our current CPS President, back to sunny British Columbia. Dr. Lévesque gave a historical overview and update on his recent work with functional genomics and micro-arrays and their application in studies of plant pathogen ecology.

Prizes for the best student presentations were awarded to Elizabeth Hui, Dept. of Plant Science, University of British Columbia, Vancouver and AAFC- PARC Summerland (supervisor Dr. D. Rochon) for her talk entitled "Evaluation of the role of cucumber necrosis virus coat protein on particle structure and virus transmission"; and Syama Chatterton, Dept. of Biological Sciences, Simon Fraser University (supervisor Dr. Z. Punja) for her talk entitled "Interactions between *Gliocladium catenulatum*, *Fusarium oxysporum* and cucumber plants leading to biological control of fusarium root and stem rot". Each award included a \$100 cash prize, donated by United Agri Products Inc. and Engage Agro, plus a one-year membership in the Canadian Phytopathological Society. Dr. Robert (Bob) Copeman, representing the judges' committee, remarked particularly on the excellence of the visual aids in the student presentations.

Those who attended the Monday evening banquet enjoyed a presentation by Ms. Pat Tonn (BCMAL) entitled "Agriculture in the Land of the Long White Cloud" – a record

of her recent visit to agricultural producers in New Zealand sponsored by the Rotary Clubs of Canada. In the business meeting, Dr. Copeman, treasurer, reported that the BC-CPS



**Elizabeth Hui, Student Award Winner, with Dr. Bob Copeman, Chair of the Judges Committee**

region presently has \$1,405.11 in the bank account (before any deductions from the 2005 meeting), plus a \$1,000.00 GIC. It was moved by R. Hunt, seconded by A. Buonassisi and approved that the GIC and bank account remain "as is" (status quo), but members be invited to submit

suggestions for use of excess funds at the 2006 meeting. It was suggested that a 'float' be made available for future meeting organizers to meet expenses (no specific \$ figure was discussed).

Gayle Jespersen reported that the CPS is considering having their national meeting in Kelowna, British Columbia in 2010. It was moved by A. Buonassisi, seconded by V. Joshi and approved by the members that the BC Regional CPS group issue a formal invitation to the Canadian Phytopathological Society to hold its national meeting in British Columbia in 2010. Many thanks were expressed to the 2005 organizing committee: Dr. Siva Sabaratnum (chair), Andrea Buonassisi, Vippen Joshi, Maria Jefferies and Dr. Janice Elmhirst. Dan O'Gorman agreed to co-ordinate the 2006 BC regional meeting to be held in Summerland in the 3<sup>rd</sup> week of October.



## **2005 Annual Meeting of the Plant Pathology Society of Alberta**

The 26<sup>th</sup> annual meeting of the Plant Pathology Society of Alberta (PPSA) was held from November 8-10, 2005 at the Radisson Hotel and Conference Center in Canmore, a picturesque community located on the eastern fringe of the Rocky Mountains just west of Calgary. This conference was planned to follow the annual meeting of the Western Forum on Pest Management and its constituent committees, the Western Committee on Crop Pests and the Western Committee on Plant Diseases (WCPD), which were held in the same location. Several out-of-province plant pathologists stayed over from the WCPD meeting to attend all or part of the PPSA conference. These included: Mary Ruth McDonald, University of Guelph, Guelph, ON; Khalid Rashid, Agriculture and Agri-Food Canada, Morden, MB; Bruce Gossen, Agriculture and Agri-Food Canada, Saskatoon, SK; Karen Bedford, Agriculture and Agri-Food Canada, Summerland, BC; Vippen Joshi, British Columbia Ministry of Agriculture, Food and Fisheries, Abbotsford, BC; and Saad Masri, Canadian Food Inspection Agency, Sidney, BC. A special guest, Dr. André Lévesque, President/Président of the Canadian Phytopathological Society/ La Société Canadienne de Phytologie, also attended the entire conference.

The 46 people who registered for the PPSA conference were presented with in-depth information on the latest research and disease survey findings through 19 oral papers and 11 posters. Several excellent presentations were made by graduate students from the University of Alberta and University of Lethbridge. These were judged by a panel consisting of Karen Bedford, Byron Puchalski and Mike Harding in order to choose the Best Student Presentation Award. There was a tie for this award between an oral paper

given by Mr. Y.M. Kim entitled **Heterologous expression of functional PtrToxB, a host-specific toxin produced by *Pyrenophora tritici-repentis*** (supervisor S. Strelkov, Univ. Alberta), and a poster by Ms. N. Sharma entitled **Application of proteomics to investigate *Alternaria blackspot* tolerance in canola** (sup. N. Kav, Univ. Alberta). Two honourable mentions were given to Mr. H. Solantoo for his talk **Identification and characterization of genes differentially expressed in wheat carrying the Lr34/Yr18 genes for adult plant resistance to leaf and stripe rust** (sup. Mohammad Reza Ghannadha, Univ. Teheran) and to Mr. S.M. Xue for his poster **Evaluation of spore isolation techniques for *Plasmodiophora brassicae*, causal agent of clubroot of crucifers** (sup. S. Strelkov, Univ. Alberta). These awards were presented at the annual meeting banquet, which also featured an interesting and superbly illustrated presentation entitled *Images of the Rockies* by a local naturalist, Peter Duck.

Highlights of the business meeting included an update on CPS/SCP activities by André Lévesque and presentations on the new terms of reference for the PPSA's standing committees on Awards (Denis Gaudet, Chair), Disease Surveys (Kelly Turkington, Chair), and History (Steve Strelkov, Chair). In addition, it was announced that the 2005 Dr. Terry Swanson Memorial Scholarship will be presented to a yet-to-be-named student from the University of Alberta, and that the 2005 PPSA Graduate Student Scholarship will be given to Mr. Sanjeeva Srivastava from the University of Alberta at a future date. Dr. Henry Huang, Agriculture and Agri-Food Canada, Lethbridge was selected to be an honorary life member of the PPSA. The 2006 annual meeting will be held in Edmonton and the new officers of the Society will be: Steve Strelkov - President; Denis Gaudet - Vice-President; Peter Blenis - Secretary/Treasurer; Julie Bernier - Director,

Northern Region; George Turnbull - Director, Central Region, and Mike Harding - Director Southern Region.

Submitted by: Ron Howard (Past-President)

### **2005 Saskatchewan CPS Annual meeting**

The Saskatchewan Regional group of the Canadian Phytopathological Society met in conjunction with the Saskatchewan Advisory Council on Crop Protection (SACCP) - Disease Sub-council on December 5<sup>th</sup> and 6<sup>th</sup>, 2005, at Agriculture and Agri-Food Canada (AAFC) in Saskatoon, Saskatchewan. The meeting was once again very well attended. Approximately 60 participants (research scientists, technicians, graduate students, extension personnel and industry representatives) enjoyed an afternoon of engrossing scientific presentations in plant pathology.

The meeting opened with introductions, followed by an update on the Society by CPS President-Elect, Dr. Bruce Gossen, and an update on the **2007 Plant Canada** meeting by Local Arrangements Chair, Dr. Karen Bailey. Plant Canada is a federation of Canadian Plant Science Societies including Canadian Botanical Association, Canadian Society of Plant Physiologists, Canadian Phytopathological Society, Canadian Society of Agronomy, Canadian Society of Horticultural Science and Canadian Weed Science Society. The Canadian Phytopathological Society is the host society for this prestigious meeting which will be held in Saskatoon from June 10-14, 2007. Dr. Bailey informed the audience of some of the many exciting sessions that are already being planned and encouraged all to mark these dates on their calendars.

Nine papers and fourteen posters were presented throughout the afternoon. Many of the presentations were by University of Saskatchewan graduate students from the departments of Chemistry, Biology, and Plant Sciences. Topics included research on phytoalexins and other plant defense chemicals in crucifers, PCR detection methods for fungal isolates, genetics of disease resistance in barley, epidemiology studies in lentil and crop management practices for disease control in canola and wheat. The presentations encompassed research on plant pathogens such as *Pyrenophora teres* and *Fusarium graminearum* on barley, leaf spot and root rot pathogens on wheat, *Sclerotinia sclerotiorum*, *Leptosphaeria maculans* and phyoplasma strains on canola, and *Colletotrichum truncatum* and *Stemphylium botryosum* on lentil. Reports of potential biocontrol fungi against *Cylindrocladium*, *Fusarium* and *Pestalotiopsis* root rots in black spruce, and a novel *Colletotrichum* sp. on *Arabidopsis thaliana* were also given. Abstracts for presentations were submitted for publication in the March 2006 volume of the Canadian Journal of Plant Pathology.

The winner of the 2005 Vanterpool Prize was announced at the Saskatchewan CPS meeting. The T.C. Vanterpool Prize in Plant Pathology is a University of Saskatchewan cash prize awarded to a U of S student who has made an outstanding effort in the field of plant pathology by his/her exceptional research, presentations at meetings or conferences, and/or involvement in plant pathology projects. The 2005 T.C. Vanterpool Prize went to David L Geenshields, a Ph.D. candidate under the supervision of Dr. Yangdou Wei in the Department of Biology. David's research objectives include work on transcriptional responses of powdery mildew-infected wheat, and powdery mildew nutrition and host infection-related carbon partitioning

Prior to adjournment, Coreen Franke announced that she would be retiring as Regional Representative after five enjoyable years, and that the job would be now left in the very capable hands of Dr. Godfrey Chongo. Congratulations, Godfrey!

And finally, as has become tradition at the Saskatchewan CPS meetings, a number of participants met for a superb meal and affable conversation at the *Saskatoon Asian Restaurant*, after which all went home full and happy.

Coreen Franke  
Saskatchewan Regional Representative

### **2005 Maritime Region CPS Meeting, Fredericton, New Brunswick**

Members of the CPS from the Maritime Region came together in Fredericton, New Brunswick with other colleagues to share in discussions of current research and fellowship. The meeting was held on December 1, 2005 at the AAFC Potato



**Keynote speaker Agnes  
Murphy.**

Research Centre. Twenty registered participants from government, university, and industry heard 13 oral presentations dealing with host-pathogen interactions, pathogen detection and disease diagnosis and management. Our keynote speaker, Agnes Murphy from AAFC in Fredericton, started the meeting off on an excellent note with a presentation entitled: **“Plant pathology and potato breeding: interlaced disciplines”**.

Following the meeting, attendees had dinner at the ‘Blue Door’ in Fredericton and awards were presented to the keynote speaker and graduate students. Three graduate student awards were presented. The 1<sup>st</sup> place award went to William (Billy) MacDonald, a Masters student at the University of Prince Edward Island, for his presentation entitled **“Suppression of potato (*Solanum tuberosum*) early blight (*in vivo*) and germination of *Alternaria* spp. conidia (*in vitro*) with strobilurin fungicides”**. Billy is supervised by Robert Coffin (Cavendish Farms), Chris Lacroix (University of PEI), and Rick Peters (Agriculture and Agri-Food Canada, Charlottetown). The 2<sup>nd</sup> place award went to Paul Young, an Honours student at the University of Prince Edward Island, for his presentation entitled **“The sensitivity to**



**William (Billy) MacDonald (M.Sc.,  
University of Prince Edward Island)  
receives the 1<sup>st</sup> place student  
presentation award from Claudia Goyer  
(AAFC, Fredericton).**

**mefenoxam of Canadian strains of *Phytophthora erythroseptica*, causal agent of potato pink rot, and their interactions with *P. infestans* in tubers”.**

Paul is supervised by Larry Hale (University of PEI), and Rick Peters and Bud Platt (Agriculture and Agri-Food Canada, Charlottetown). The 3<sup>rd</sup> place award went to Natasha Robinson, a Masters student at the University of Prince Edward Island, for her presentation entitled “**Host-pathogen interactions of various combinations of *Verticillium* species inoculum in potato**”. Natahsa was supervised by Larry Hale (University of PEI) and Bud Platt (Agriculture and Agri-Food Canada, Charlottetown).

Special thanks to the CPS for financial contributions. **Also, many thanks go to Xianzhou Nie (AAFC, Fredericton) for organizing and hosting the meeting. We also thank Gordon Braun (AAFC, Kentville) and Claudia Goyer (AAFC, Fredericton) for judging the graduate student competition.** We look forward to the 2006 Maritime Region meeting to be held in Kentville, Nova Scotia hosted by Gordon Braun (AAFC, Kentville).

Respectfully submitted,  
Rick Peters, CPS Maritime Region Rep.



**Paul Young (Honours, University of Prince Edward Island) receives the 2<sup>nd</sup> place student presentation award from Claudia Goyer (AAFC, Fredericton).**



**Natasha Robinson (M.Sc., University of Prince Edward Island) receives the 3<sup>rd</sup> place student presentation award from Claudia Goyer (AAFC, Fredericton).**

**WESTERN COMMITTEE ON PLANT DISEASE, 30<sup>TH</sup> ANNUAL MEETING**

The Western Committee on Plant Disease (WCPD) as part of the Western Forum on Pest Management (WFPM) held its 30th Annual Meeting on November 7, 2005 in Canmore, Alberta. A successful one-day meeting was held with the participation of 50 pathologists and personnel interested in plant disease research and management from the four western provincial governments, the federal government, government agencies, representatives of the agriculture industries, product development and sales, and some participants from eastern Canada.

**Presentations from government**

**agencies:** Dr. Habib Quayyum, Fungicide Section, Pest Management Regulatory Agency, presented updates on fungicide emergency registrations, new registrations, and the risk reduction program with biopesticides. Brian Rex, Canadian Food Inspection Agency, provided updates on Blue berry scorch virus, Plum pox virus, soybean rust, sudden oak death, chrysanthemum white rust, and the nematode *Ditylenchus dipsaci*

and field pea shipments to India. Dr Tim MacDonald, AAFC, Pest Management Centre, Ottawa, presented an overview of the Pest Risk Reduction Program, a joint effort of AAFC and the PMRA of Health Canada.

**Representatives of the pesticide**

**industry:** Scott MacDonald of BASF presented an overview on the new fungicide Pristine and the bioregulator Apogee for fire blight reduction.

**Special topics session:** Three presentations emphasized some current disease management issues: "Club root of canola in Alberta" by Murray Hartman. AAFRD. "Research on Club root diseases in vegetable crops" by Dr. Mary Ruth McDonald, University of Guelph. "Microbial Biofilms in plant diseases" by Dr. Michael Harding, MBEC, Calgary, Alberta.

**Disease Reports and Chapter updates:**

The regular business of the WCPD took place with reports from the website editor, the slide set editor, the Disease Guideline editors; and reports on the CPS publications and major plant pathology meetings in 2005. The Chairs/Alternates of the 13 Chapters reported on the disease situations of the various plant species listed in each chapter, on research updates, the future needs for disease management, and the changes proposed for each chapter.

**Diseases of significant incidence and**

**severity in 2005:** (1) Wheat leaf rust and oat crown rust in Manitoba and Saskatchewan. Fusarium head blight especially in winter wheat in Manitoba. Cochliobolus leaf spots in barley in Manitoba. (2) Stripe rust in wheat and barley in Alberta. (3) Blackleg in canola in western Canada. (4) PasmO in flax in Manitoba and Saskatchewan. (5) Downy mildew and Verticillium wilt in sunflower in Manitoba. (6) Early dying of potatoes

(*Verticillium*, *Colletotrichum* and *Fusarium*) in Manitoba. (7) Anthracnose in peas (*Colletotrichum pisi*) in Manitoba, and Ascochyta blight in Saskatchewan. (8) Chickpea ascochyta blight in Saskatchewan. (9) Bacterial halo blight on green bean crops in Alberta. (10) Downy mildew and botrytis neck rot of onion in Manitoba.

The WCPD Executive for 2006 is: Khalid Rashid (Chair), Penny Pearce (Vice-Chair), Robert Spencer (Secretary / Treasurer), Mardi Desjardins and Tracy Shinnners-Carnelley (Guidelines Editors), Rhonda Kurtz (Slide Set Editor).

Presented by Khalid Rashid (Chairman, WCPD).

## Announcements

### 2006 Membership Renewal

Membership fees for 2006 are due by January 31, 2006.

Membership renewal forms were mailed to all CPS members in mid November. The forms may also be found on the CPS website at: <http://www.cps-scp.ca/membershipapplication.htm>.

Please return your membership dues promptly to ensure that you receive your newsletters and journals on time, and to avoid paying the late fee. Prompt renewals also make life much easier for your membership secretary and treasurer!

Emeritus members who do not require the journal are reminded that they must contact the membership secretary annually to maintain membership and continue to receive the newsletter. You may do so by sending in a membership

form, or by contacting the membership secretary by phone, email or fax with your current mailing address, and any other changes for the membership directory.

Gayle Jespersen  
CPS Membership Secretary  
c/o BC Ministry of Agriculture & Lands  
200-1690 Powick Rd.  
Kelowna BC V1X 7G5  
Email: Gayle.Jespersen@gov.bc.ca

### **Course Announcement:**

#### **Introduction to Food- and Air-Borne Fungi. 12-16 June 2006, Ottawa, Canada.**

More than 100 mould and yeast species common in indoor air and on food will be examined, including important species of *Penicillium*, *Aspergillus*, *Fusarium*, *Trichoderma*, *Stachybotrys*, *Cladosporium*, *Mucor*, *Rhizopus*, *Alternaria* and *Scopulariopsis*. This 5 day course is appropriate for those interested in food spoilage, indoor air quality, industrial hygiene, mycotoxins, pharmaceuticals, biodeterioration, etc.

Instructors: Robert A. Samson and Jos Houbraken, Centraalbureau voor Schimmelcultures. Keith A. Seifert and John Bissett, Agriculture and Agri-Food Canada.

For more information, please contact:

Keith A. Seifert, Biodiversity Theme (Mycology & Botany), Eastern Cereal and Oilseed Research Centre, 960 Carling Ave., Agriculture and Agri-Food Canada, Ottawa, Ontario K1A 0C6 CANADA. Phone: 613-759-1378. Fax: 613-759-1701. Email: seifertk@agr.gc.ca or visit the course web site at <http://www.indoormold.org>.

### **Early volumes of Canadian Journal of Plant Pathology (CJPP) are now available on-line**

CPS-SCP is pleased to announce that Volumes 1-27 (1979-2005) of the Canadian Journal of Plant Pathology (CJPP) are now available on-line.

Volumes 1 to 22 were recently scanned by Heather Martin and colleagues at the E-Learning Operations, University of Guelph Library. Back issues of the CJPP were made available by Greg J. Boland, Dept. of Environmental Biology, University of Guelph, from the archives of the CJPP that are maintained at the University of Guelph. Heather and colleagues scanned, and prepared the digital files into PDF files of individual articles. These files were then posted to the CPS-SCP website by Lakdhar Lamari, Website Editor, Dept. of Plant Science, University of Manitoba, and linked to the Tables of Contents in the CPS-SCP website. Access to Volumes 1 to 22 is free to all internet users.

The advantages of this format are that the titles and authors in the Tables of Contents pages (presented as html text) are searchable using most internet search engines and the search function of the CPS-SCP website, and the pdf files provide a good compromise between file size and legibility of scanned text and images. Another advantage of this format is that the amount of space currently devoted to storage of the archives of CJPP (e.g. see background of photo) can now be reduced by up to 75%. The disadvantage of this format is that individual articles are not searchable in the PDF format.

To access all CJPP articles on-line, visit the Publications page of the CPS-SCP website, and click on Table of Contents (<http://www.cps-cp.ca/journallinks.htm>). Volumes 1 to 22 in this Table are linked to the scanned PDF files of previously

published issues of CJPP that are posted on the CPS-SCP website server. Volumes 23-27 link to the NRC Press server at <http://pubs.nrc-cnrc.gc.ca/tcjpp/plant.html> where access to individual pdf



**Heather Martin (left), Manager of E-Learning Operations, University of Guelph Library, and Greg J. Boland (right), Professor, University of Guelph, stand in front of the archives of the Canadian Journal of Plant Pathology. Heather is holding a CD that contains PDF files of Volumes 1 to 22 of the journal that were digitized and posted to the CPS-SCP website in 2005.**

articles is restricted to Society members and subscribers.

CPS-SCP extends a heart-felt thank you to Heather Martin and her colleagues at the Library, who volunteered to help the Society with this task.

Greg J. Boland

## **CHECK YOUR LIBRARY HOLDINGS**

*Proceedings of the Canadian Phytopathological Society* was published from the Society's inception in 1929 until 1979 when *Can. J. Plant Pathol./Rev. can de phytopathol.* started. There were only 46 volumes published because CPS sometimes held no annual meeting during the Second World War. Lloyd Seaman has spare copies of many of these volumes, including some of the earliest. Check your library's and personal collections of this historically important publication to see if they are complete. If not, send Lloyd an email ([lseaman@magma.ca](mailto:lseaman@magma.ca)) telling him what you would like to help complete the collection and he will send you anything available.

## **Submission Deadline for the March issue of CPS - SCP News**

**PLEASE NOTE:** The submission deadline for the **March issue** of CPS - SCP News is **February 8, 2006**. Please have your reports and submissions to the Editor by this date. **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.**

## Book Review

### **Don's Story, Compiled by Jean Kirstine Adam Buckland Griffith, 161 pages, 2005**

(An "e-book" available for download from <http://www.dbuckland.com/donbook/>)

Probably the younger members of the Candian Phytopathological Society will not recognize the name of Donald Channing Buckland (1917-1956) but I recommend this recent book for its historical importance. Don was active in the Society from 1945-1956 and served as Chair of the subcommittee of Forest Pathology from 1950-1956. I first met him in 1950 when I joined the CPS and the BC Regional group. Don attended the regional meetings regularly and, despite his relatively short professional life, he became one of the most distinguished young members until his untimely death. He developed juvenile diabetes at the age of 10 and lost his sight to diabetic retinopathy five years before his death.

Although it is nearly 50 years since Don Buckland's death, his children have encouraged their mother Kirstine to assemble her many recollections and records about this courageous and remarkable man. During the writing of *Don's Story*, the book evolved into a family saga and, in spite of the title of the book, it includes much about the life of his wife and his young family both before and after the five decades since Don's death.

Don was born in New Zealand and came to Vancouver at the age of two. After finishing high school in New Westminster he entered UBC, enrolling in the Department of Biology and Botany. During

the summers as an undergraduate he worked for the BC Forest Service, sparking his interest in forestry. He graduated in 1941 with a B.A. in Botany, and taking a 1-year Forest option at UBC, which gave him a BSF degree in 1942, followed this. In the fall of 1942 he was off to Yale University, where he completed a Master of Forestry (MF) in 1944 and his Ph.D. in Forest Pathology in 1945. During the summer months during his graduate work, he worked at the Forest Pathology Laboratory, Victoria, BC. May 1945 marked two important events - his marriage to Kirstine Adam and beginning a full-time research position at the Forest Pathology Laboratory. In 1947 he was appointed Officer-in-Charge of the laboratory. He left that job in 1948 to accept a teaching position at UBC in the Department of Forestry.

After losing his sight, UBC assured him of his continuing tenure and, with his wife's help, his lectures were all assembled from his notes and then taped and memorized.

Don Buckland served as an example of courage and determination to all his colleagues and friends. Although he was in delicate health for several years, his keen inquiring mind and his cheerful mental outlook compensated for his affliction.

Reviewed by Richard Stace-Smith.





## People and Travel

**Henry Huang** of AAFC-Lethbridge Research Centre was invited to attend the International Symposium on Agricultural Biotechnology, August 25-29, 2005, Xiamen, China. He delivered a keynote speech entitled “Trends and Progress in Agricultural Biotechnology”, at the Plenary Session.

Also, he was invited to visit Pengzhou, Sichuan, to see diseases of vegetable crops, a CIDA Small Farm Project in China. He presented a seminar entitled “Non-chemical methods for management of soilborne diseases of field crops” at the Symposium on Soilborne Diseases of Crops, Pengzhou, Sichuan, September 1, 2005 and at the Institute of Plant Protection, Sichuan Academy of Agricultural Sciences, Chengdu, Sichuan, September 6, 2005.

**Dr. Dilantha Fernando**, Department of Plant Science, University of Manitoba, was conferred the title of Honored Professor during his visit to the Inner Mongolia Agriculture University, and Inner Mongolia Academy of Agricultural Sciences in Huhhot, Inner Mongolia, P.R. China from August 7-21, 2005. Dilantha conducted a workshop on Sclerotinia disease management in sunflower in Linhe City, and gave lectures at the University and at the Agriculture Academy. Dilantha’s trip was sponsored and paid for by the Government of P.R. China under the International Research Partnership Program. Dilantha will also be a co-supervisor to a PhD candidate working on Sclerotinia in China.

In early August 2005 **Dr. Md. Aminul Islam** joined Rona Sturrock’s research program at the Pacific Forestry Centre (PFC) in Victoria, BC. Dr. Islam originates from Bangladesh where he completed an M.Sc. in Botany. This was followed by completion of a second M.Sc. at the University of Edinburgh, Scotland. In late 2004 Aminul completed his PhD at the University of Hannover, Germany. As an NSERC Visiting Fellow at the PFC Dr. Islam will be working to enhance understanding of interactions between Douglas-fir and the root rot pathogen *Phellinus sulphurascens* (formerly *P. weirii*).



**Dr. Aminul Islam inspecting Douglas-fir and *P. sulphurascens* inoculum units.**

## Employment

### Postdoctoral Fellowship in Sustainable Agriculture – 2006

Faculty of Agricultural and Environmental Sciences, Macdonald Campus, McGill University, 21,111 Lakeshore, Ste. Anne de Bellevue, Quebec, Canada H9X 3V9

**Description:** Applications are now being accepted for a 2-year fellowship, valued at CDN\$35,000 per year, tenable in the Faculty of Agricultural and Environmental Sciences, Macdonald Campus, McGill University. The successful candidate will conduct postdoctoral research in the area of sustainable agriculture under the supervision of a professor in the Faculty's academic units, which include Agricultural Economics, Animal Science, Biosystems Engineering, Dietetics and Human Nutrition, Food Science and Agricultural Chemistry, Natural Resource Sciences, Parasitology and Plant Science. For more information on the Faculty and its research activities, please visit our website [www.mcgill.ca/macdonald/units](http://www.mcgill.ca/macdonald/units).

**Eligibility:** Candidates must have completed their PhD within three years prior to commencement of the award.

**Deadline:** Wednesday, **February 1, 2006**. The award will be available as soon as a successful candidate is selected, with the exact start date to be negotiated with the candidate. The following application materials are required and may be submitted by electronic mail, by fax or by postal mail to meet the deadline:

- A letter of application from the candidate, including a statement of research interests for the period of the fellowship (maximum 2 pages) and an indication of when he/she expects to be available to take up the award if successful. This letter should briefly outline the facilities required to undertake the research and the names of one or two suitable supervisors in the Faculty of Agricultural and

Environmental Science whose research program falls within the interest of the candidate;

- The candidate's curriculum vitae *including an e-mail address*;
- Names and e-mail addresses of two individuals who have agreed to provide letters of reference;
- Two letters of reference, sent directly by the referees;
- University-level transcripts. These may be official transcripts sent directly by the university or universities, or unofficial transcripts sent by the candidate.

### All application materials should be submitted to:

Scholarships Committee, c/o T. Bird Student Affairs Office, Laird Hall, Room 106 Macdonald Campus of McGill University 21,111 Lakeshore Road Ste. Anne de Bellevue, Quebec H9X 3V9  
E-mail address: [Toni.Bird@mcgill.ca](mailto:Toni.Bird@mcgill.ca)  
Fax number: 514-398-7968.

## Contact the Editors

Kelly Turkington, Editor  
Agriculture and Agri-Food Canada/Agriculture et Agroalimentaire Canada  
AAFC - Lacombe Research Centre/AAC - Centre de recherches de Lacombe  
6000 C&E Trail/6000 C&E Trail  
Lacombe, Alberta/Lacombe (Alberta)  
T4L 1W1  
Telephone/Téléphone: 403-782-8138  
Facsimile/Télécopieur: 403-782-6120  
[turkingtonk@agr.gc.ca](mailto:turkingtonk@agr.gc.ca)

Jim Menzies, Associate Editor  
Agriculture and Agri-Food Canada/Agriculture et Agroalimentaire Canada  
195 Dafoe Road/195 Dafoe Road  
Winnipeg, Manitoba/ Winnipeg (Manitoba)  
R3T 2M9  
Telephone/Téléphone: 204-983-5714  
Facsimile/Télécopieur: 204-983-4604  
[jmenzies@agr.gc.ca](mailto:jmenzies@agr.gc.ca)