

President's Message



Greg Boland

In this, my last President's Message, I would like to express a special thank you to members of the Canadian Phytopathological Society/ Société Canadienne

de Phytopathologie (CPS-SCP) for the opportunity to serve as President during 2001-02.

It has been both an honour and an education for me. I have heard previous CPS-SCP Presidents comment in their last President's Address on how much activity occurs within our Society each year, and on how fast the year goes by. I understand these comments more clearly now, and this year has certainly not been an exception.

Several CPS-SCP members commented after the last issue of *CPS-SCP News* that my photograph was missing from the front page. One member even commented that, because of this omission, there had been a shortage of dart board and bird cage material in recent months!

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I had asked David Kaminski, Editor of *CPS-SCP News*, to omit my photo in the last issue because I had sent a rather lengthy article and was also feeling somewhat "photographically challenged" and "overexposed" by seeing my photograph on the desk of every plant pathologist's office that I visited. However, in an effort to alleviate this apparent national lack of dart and bird material, I have returned in this issue to the traditional format and have also added another image intended to provide entertainment - and possibly even relief for my feelings of overexposure!

It has been a strong year for CPS-SCP and there have been several significant accomplishments. Volume 23 of the *Canadian Journal of Plant Pathology* (CJPP) was published in hardcopy and, for the first time, CJPP was also published through the internet under the guidance of Zamir Punja, Editor, and the NRC Press. Internet publication will promote wider exposure and access to CJPP and contribute to an improved *Journal Citation Index* for our journal. Final preparations are underway for a revised edition of *Diseases of Field Crops of Canada*, a large project being completed by Karen Bailey and the editorial committee working on this project.

A proposal for a new award entitled "CPS-SCP Award for Achievements in Plant Disease Management" has been completed by Verna Higgins and the Awards Committee. The terms and conditions of this award are included in this issue of *CPS-SCP News* as a proposed bylaw amendment that will be voted on by CPS-SCP members at the Annual Business Meeting on 19 June 2002 in Waterton, Alberta. Volume 81 of the *Canadian Plant Disease Survey* was completed under the coordination of Robin Morrall and, for the fifth year, was published as an electronic journal that can be downloaded from the AAFC website at London, ON, or through our Society website. Communications within our Society continue to improve through increased use of our website and regular *CPS-SCP Updates* via email. Both of these methods of communication provide the Board with improved communications with members and are also valuable for maintaining continuity within the Society. There have been numerous other activities this year, including annual meetings of the Regional Associations and Professional Societies of CPS-SCP, planning of annual and future meetings of the Society, and coordination of the various committees and ongoing activities of CPS-SCP.

Much of the progress of CPS-SCP in recent years is a direct consequence of the Five Year Strategic Plan developed by the Ad Hoc Strategic Planning Committee that was chaired by Ron Howard. This plan was approved by So-

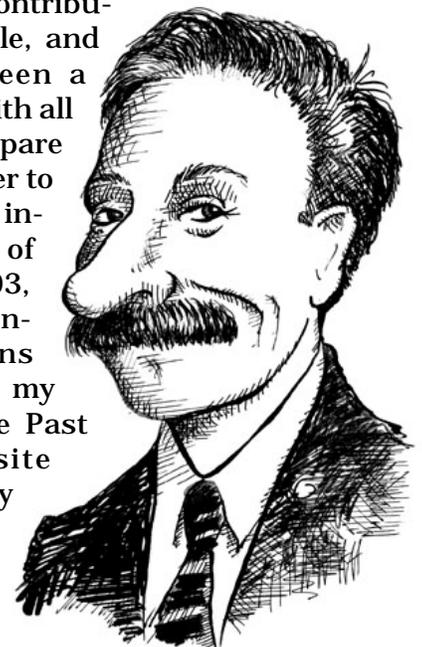
ciety members at our Annual Meeting in 2000 and continues to provide a strong basis for decision-making within the Board. We are currently completing Year 2 of our Five Year Strategic Plan and many of the goals, strategies and actions have already been implemented. The ongoing challenge of our Society in the next three years is to continue to address and implement the remaining recommendations to provide continued growth and provision of services to members of CPS-SCP.

"It has been a strong year for CPS-SCP and there have been several significant accomplishments."

The Annual Meetings of CPS-SCP will soon be held in Waterton Lakes National Park from 16-19 June 2002. The Local Arrangements Committee, Chaired by Larry Kawchuk, has

been working very hard on developing the scientific program, pre- and post-conference activities, and preparing for the large turnout of members and registrants that are planning to attend. I look forward to seeing many of you at the conference, participating in the meeting, and enjoying the wonderful setting of Waterton Lakes National Park.

In closing, I would like to extend a special thank you to the many capable and dedicated members of the CPS-SCP Board, the Chairs and participants of Society committees, and members of the Society who contributed to our activities and achievements during the past year. By all measures, CPS-SCP is a highly successful Society and this is entirely due to the contributions of these people, and others. It has been a pleasure working with all of you and, as I prepare to turn the gavel over to Karen Bailey as the incoming President of CPS-SCP in 2002-03, I look forward to continued interactions with our society in my roles as Immediate Past President, Website Editor, and Society member.



The Canadian Phytopathological Society, Inc. / La Société Canadienne de Phytopathologie Inc.

Proposed Amendments to the By-Laws

Notice of Motion

“The Governing Board of the Canadian Phytopathological Society wishes to bring forward a motion at the Annual General Meeting of the Society to be held in Waterton, Alberta on June 19, 2002, to approve the attached amendments of the CPS By-Laws, in accordance with By-Law XVII, Section 1. Members are notified that they may vote in favour of or against adopting each of the proposed amendments at the AGM.”

The proposed changes to the CPS By-Laws are as follows:

- 1) **Proposal for a new by-law and award by CPS-SCP to recognize contributions to plant disease management.** The following text will be added to “Section VIII. Awards” of the CPS-SCP By-Laws, as By-law 9.

9. CPS Award for Achievements in Plant Disease Management

- a) The award is intended to recognize the contributions by industry, or not-for-profit agencies, for innovative research, development of products and technologies, and/or transfer of information for the benefit of disease management in Canada.
- b) The award will be given to an individual, or a team, based on a combination of the following criteria:
 - i) scientific research on products and technologies used in plant pathology
 - ii) innovative solutions to problems in plant pathology
 - iii) participation in plant pathology extension
 - iv) volunteer support to the Society
- c) The nomination must be accompanied by supporting evidence to substantiate contributions as outlined in the criteria above such as a list of scientific publications, patents, product development activities, demonstration of extension, training or volunteer activities within plant pathology and up to 3 letters of references.
- d) The award will be granted depending on the availability of a suitable nominee, but not more than one award shall be granted in each year. The nominees need not be members of the Society, nor need they be domiciled in Canada, but the work must clearly demonstrate benefit to agriculture in Canada. The award is open to individuals employed or contracted by industry or not-for-profit agencies to conduct research and/or extension directly resulting in improved disease management.
- e) A suitably engraved plaque will be presented to the awardee (s) and the company or agency at either a national or regional meeting. In appreciation of this important contribution by industry, the company, or agency and the individual or team involved will be recognized on the CPS Website and/or the CPS Newsletter during the year the award was received.

2) **Proposed change to existing by-law.**

Current by-law reads as follows:

I. Duties of the governing board

PRESIDENT- Specific Responsibilities

2. Following the Annual Meeting, the incoming President shall:
 - (a) Send letters of congratulations to: recipients of Honorary Membership, Fellows, or other awards given by the Society; new officers and directors; new officers of regional groups of the Society as they are appointed.
 - (b) Send letters of appreciation to: Chairperson of the Program Committee; president or other appropriate administrative officers of host institution for the annual meeting; outgoing Society officers and directors; invited speakers and other participants at Society functions; outgoing chairpersons of Standing, Subject Matter, and Ad Hoc Committees.

Proposed by-law change (in bold) as follows:

I. Duties of the governing board

PRESIDENT- Specific Responsibilities

2. Following the Annual Meeting, the incoming President shall:
 - (a) Send letters of congratulations to: recipients of Honorary Membership, Fellows, or other awards given by the Society; new officers and directors; new officers of regional groups of the Society as they are appointed.
 - (b) Send letters of appreciation to: Chairperson of the Program Committee; president or other appropriate administrative officers of host institution for the annual meeting; outgoing Society officers and directors; invited speakers and other participants at Society functions; outgoing chairpersons of Standing, Subject Matter, and Ad Hoc Committees.
 - (c) **Send letters of appointment to Chairpersons of the Subject Matter and Ad Hoc Committees.**

Mot du président

Greg J. Boland

Dans ce dernier Mot du président, je veux remercier spécialement les membres de la Canadian Phytopathological Society/Société Canadienne de Phytopathologie (CPS-SCP) pour m'avoir permis de servir comme président pendant l'année 2001-2002. Ce fut pour moi à la fois un honneur et une occasion de m'instruire. J'ai entendu les commentaires des précédents présidents de la CPS-SCP lors de leur discours de président, au sujet des nombreuses activités qui se déroulent chaque année au sein de la Société et sur la vitesse avec laquelle l'année passe. Je comprends maintenant mieux le sens de ces commentaires et je peux vous dire que l'année que j'ai vécue n'a pas été une exception à la règle.

À la suite de la parution du dernier numéro du bulletin d'information *CPS-SCP News*, plusieurs membres de la CPS-SCP m'ont fait remarquer que ma photographie manquait sur la page couverture. Un membre a même fait la remarque que, à cause de cet omission, il y a eu depuis un manque de cibles pour jouer aux dards et une pénurie de litières pour cage d'oiseaux! J'avais demandé à David Kaminski, rédacteur du *CPS-SCP News*, de ne pas publier ma photo dans le dernier numéro parce que j'avais soumis un assez long article et que je sentais aussi une sorte de « défi photographique » et une surutilisation lorsque je voyais ma binette sur le bureau de chaque phytopathologiste que je visitais. Cependant, pour palier le manque de cibles et de litières au niveau national, je suis revenu à la présentation traditionnelle et ai ajouté en plus une autre image dans le but de divertir – et vraisemblablement de me soulager de mon sentiment de surutilisation!

Ce fut une grosse année pour la CPS-SCP qui a connu plusieurs réalisations significatives. Le volume 23 de la *Revue canadienne phytopathologie* (CJPP) fut publié sous forme imprimée et, pour la première fois, le *CJPP* fut aussi publié dans l'Internet sous la guidance

du directeur scientifique Zamir Punja et des Presses du CNRC. La publication dans l'Internet favorisera une plus grande visibilité et un accès plus général au *CJPP*, et contribuera à améliorer sa cote dans le *Journal Citation Index*. La préparation d'une édition révisée de *Diseases of Field Crops of Canada* est au stade final, un gros projet sur le point d'être terminé par Karen Bailey et le comité d'édition assigné à cette tâche. Verna Higgins et le Comité des prix ont préparé une proposition pour un nouveau prix appelé « Prix de la CPS-SCP pour réalisations dans la lutte contre les maladies des plantes ». Les modalités et conditions de ce prix sont incluses dans le présent numéro du *CPS-SCP News* en tant qu'amendement aux Statuts qui sera soumis au vote lors de l'assemblée générale le 19 juin 2002 à Waterton, Alberta. Le volume 81 de

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l'Inventaire des maladies des plantes au Canada fut achevé sous la supervision de Robin Morrall et, pour la cinquième année, fut publié sous forme électronique téléchargeable à partir

du site Web d'AAC à London, ON, ou du site Web de la Société. La communication continue de s'améliorer au sein de notre Société par une utilisation accrue de notre site Web et par les *Dernières nouvelles de la CPS/SCP* acheminées par courriel. Ces deux moyens de communication procurent au Conseil de meilleures communications avec les membres et sont aussi un bon moyen pour assurer une certaine continuité à l'intérieur de Société. Il y a eu de nombreuses autres activités cette année, y compris des réunions annuelles des Associations régionales et des Sociétés professionnelles de la CPS-SCP, la planification de la réunion annuelle et des réunions futures de la Société et la coordination des divers comités et des activités continues de la CPS-SCP.

Dans leur ensemble, les progrès accomplis à la CPS-SCP dans les dernières années sont une conséquence directe du Plan Stratégique Quinquennal élaboré par le Comité ad hoc sur la planification stratégique présidé par Ron



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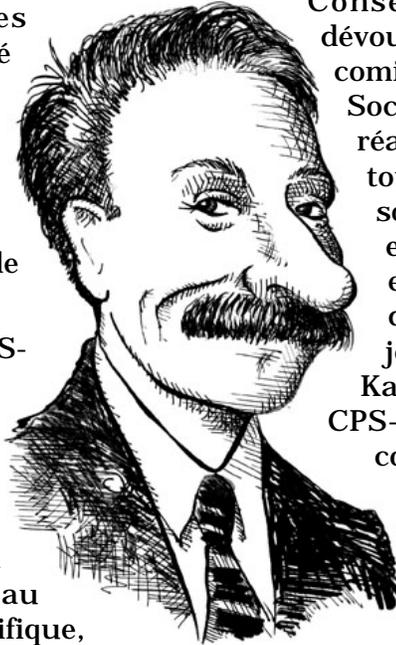
Howard. Ce plan fut approuvé par les membres de la Société lors de l'Assemblée annuelle 2000 et continue d'être à la base des décisions du Conseil. Nous en sommes à la fin de l'Année 2 du Plan Stratégique Quinquennal et plusieurs des objectifs, stratégies et actions furent réalisés.

Pour les trois prochaines années, le défi de la Société sera de continuer à donner suite et réaliser les **r e c o m m a n d a t i o n s** restantes afin de soutenir la croissance et de fournir des services aux membres de la CPS-SCP.

La réunion annuelle de la CPS-SCP aura bientôt lieu au parc national des Lacs-Waterton du 16 au 19 juin 2002. Le Comité organisateur local, présidé par Larry Kawchuk, a travaillé fort pour mettre au point le programme scientifique, des activités pré- et post-congrès, et à se préparer à accueillir le grand nombre de membres et de participants qui prévoient y

assister. J'espère vous voir en grand nombre au congrès, participer à la réunion et profiter du merveilleux site du parc national des Lacs-Waterton.

En terminant, j'aimerais remercier spécialement les nombreux membres du Conseil de la CPS-SCP, compétents et dévoués, les présidents et les membres de comités de la Société, et les membres de la Société qui ont contribué à nos activités et réalisations pendant la dernière année. À tout point de vue, la CPS-SCP est une société qui a beaucoup de succès et ceci est le fruit de la contribution de ces gens et d'autres personnes. Ce fut un plaisir de travailler avec vous tous et, comme je m'appête à passer les commandes à Karen Bailey, la nouvelle présidente de la CPS-SCP pour 2002-2003, je suis prêt à continuer à oeuvrer au sein de la Société en tant que président sortant, rédacteur du site Web et membre de la Société.



The Canadian Phytopathological Society, Inc. / La Société Canadienne de Phytopathologie Inc.

Amendements proposés aux Statuts

Avis de motion

« Le Conseil d'administration de la Société Canadienne de Phytopathologie présentera une motion à l'Assemblée générale annuelle de la Société qui se tiendra à Waterton, Alberta, le 19 juin 2002, pour faire approuver les amendements aux Statuts de la SCP ci-dessous. Conformément au Règlement XVII, Section 1, les membres sont avisés qu'ils peuvent voter pour ou contre l'adoption de chacun des amendements proposés à l'Assemblée générale annuelle. »

Les modifications proposées aux Statuts de la SCP sont les suivantes :

- 1) **Proposition d'un nouveau règlement et d'un nouveau prix de la CPS-SCP pour reconnaître des réalisations dans la lutte contre les maladies des plantes.** Le texte suivant sera ajouté à la « Section VIII. Prix » des Statuts de la CPS-SCP, en tant que Règlement 9.

9. Prix de la SCP pour réalisations dans la lutte contre les maladies des plantes

- a) Le prix est destiné à récompenser des apports par des entreprises privées ou des organismes à but non lucratif pour de la recherche novatrice, le développement de produits et de technologies et/ou le transfert d'information au bénéfice de la lutte contre les maladies au Canada.
- b) Le prix sera accordé à un individu ou à une équipe, en se fondant sur une combinaison des critères suivants :
 - i) recherche scientifique sur des produits et des technologies utilisés en phytopathologie;
 - ii) solutions novatrices à des problèmes de phytopathologie;
 - iii) participation au transfert de connaissances en phytopathologie;
 - iv) apport bénévole à la Société.
- c) La candidature doit être accompagnée de la documentation nécessaire pour étayer les apports en lien avec les critères ci-dessus telle qu'une liste des publications scientifiques, des brevets, des activités de développement de produits, de la démonstration du transfert des connaissances, de la formation ou des activités bénévoles en lien avec la phytopathologie, et d'un maximum de 3 lettres d'appui.
- d) Le prix ne sera attribué que si au moins un candidat valable est en lice, mais un maximum d'un seul prix sera accordé à chaque année. Les candidats n'ont pas à être membres de la Société, ni à résider au Canada, mais il doit être clairement démontré que leur travail a bénéficié à l'agriculture au Canada. Le prix peut être accordé à des individus à l'emploi ou sous contrat avec des entreprises privées ou des organismes à but non lucratif pour mener de la recherche et/ou des activités de transfert d'information qui améliorent directement la lutte contre les maladies.
- e) Une plaque gravée sera remise au(x) récipiendaire(s) et à l'entreprise ou l'organisme lors d'une réunion nationale ou régionale. En reconnaissance de cette importante contribution, l'entreprise, la compagnie ou l'organisme et l'individu ou l'équipe impliqué seront honorés sur le site Web de la SCP et/ou dans le bulletin d'information de la SCP au cours de l'année d'attribution.

2) Modifications proposées aux Statuts actuels.

Voici les termes des Statuts actuels :

I. Fonctions du conseil d'administration

PRÉSIDENT- Responsabilités propres

2. À la suite de l'Assemblée annuelle, le nouveau président doit :
 - (a) envoyer des lettres de félicitations : aux récipiendaires du titre de Membre honoraire, Membre associé, ou tout autre prix accordé par la Société; aux nouveaux administrateurs et directeurs; aux nouveaux administrateurs de groupes régionaux de la Société dès qu'ils sont désignés;
 - (b) envoyer des lettres de remerciement : au président du Comité des programmes, au président ou à tout autre administrateur approprié de l'institution hôte d'une réunion annuelle, aux administrateurs et directeurs sortants de la Société, aux conférenciers invités et aux autres personnes ayant accompli des charges pour la Société, aux présidents sortants des comités permanents, d'experts et ad hoc.

Voici les changements proposés aux Statuts (en gras) :

I. Fonctions du conseil d'administration

PRÉSIDENT- Responsabilités propres

2. à la suite de l'Assemblée annuelle, le nouveau Président doit :
 - (a) envoyer des lettres de félicitations : aux récipiendaires du titre de Membre honoraire, Membre associé, ou tout autre prix accordé par la Société, aux nouveaux administrateurs et directeurs, aux nouveaux administrateurs de groupes régionaux de la Société dès qu'ils sont désignés;
 - (b) envoyer des lettres de remerciement : au Président du Comité des programmes, au président ou à tout autre administrateur approprié de l'institution hôte d'une réunion annuelle, aux administrateurs et directeurs sortants de la Société, aux conférenciers invités et aux autres personnes ayant accompli des charges pour la Société, aux présidents sortants des comités permanents, d'experts et ad hoc.
 - (c) **envoyer des lettres de nomination aux présidents des comités d'experts et ad hoc.**

Committee (and Other) Reports

Report of the National Co-ordinator, *Canadian Plant Disease Survey - Disease Highlights*

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**Compte Rendu du Coordinateur National,
*L'inventaire des Maladies des Plantes au
Canada - Aperçu des Maladies***

Volume 82 of the Canadian Plant Disease Survey (CPDS), reporting mainly on disease highlights for 2001, was published on April 12, 2002 on the web. Access may be obtained at <http://res2.agr.gc.ca/london/pmrc/english/report/disease2002.html>. Once again, thanks are due for the efforts of the section editors (Marilyn Dykstra, Andy Tekauz, John Muir, Bruce Gossen, Tom Hsiang and Paul Hildebrand) as well as Stephanie Hilton (compiler) and Bruce Bowman (webmaster) at Agriculture and Agri-Food Canada, London, Ontario. Fifty-three reports were published, a similar number to that in Volume 81. Two submissions were rejected as being inappropriate for the journal. The distribution among sections was: cereals (24 reports); oilseeds and special crops (14); forest trees (6); fruits, nuts and berries, ornamentals and turfgrass (3); diagnostic labs (3); forages (2); vegetables (1). For the second year in a row at least one article was published in French. However, the journal is still not representative of the major linguistic division of the country; it is also heavily dominated by submissions from pathologists in the western provinces.

This is the sixth year that CPDS has been published electronically. In addition to being available on the web, it is distributed on request to authors and subscribers on diskette. A small number of hard copies are printed by the Society to send to libraries that prefer them for archival purposes. The national coordinator welcomes comments about the format, editing or publication of CPDS.

Stephanie Hilton has announced her decision

to step down as CPDS compiler this year. The Board of CPS is working with Agriculture and Agri-Food Canada to find a replacement and continue the fruitful co-operation the two organizations have enjoyed in recent years. On behalf of the Society, I extend a sincere thank-you to Stephanie for her efficient work as compiler.

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

CPS Information Products

There were approximately 350 copies of Diseases of Field Crops in Canada sold from June 2001 to May 2002. An inventory of about 1200 copies is stored at AAFC in Harrow, Ontario. The Committee wishes to express sincere thanks to Terry Anderson who volunteered to be responsible for storing the inventory and managing the distribution of our book sales. The new edition of the book is progressing with the expectation of a publication date in the fall.

In 2001, about 255 copies of Diseases and Pests of Vegetable Crops in Canada were sold. There were another 68 sold from January to March, 2002. Currently, it appears that it is mainly growers and universities/colleges buying the book, and many sales are for the French version. For example, over a 6-month period, there were 56 English and 78 French versions sold. The committee expresses thanks to Lorraine Braun, of the Entomological Society for actively selling this book at the ESC meetings in 2001 and for initiating some free advertising with the publication Greenhouse Canada.

CPS will advertise both of these books and send the society brochures to the Publisher's Book Display at the APS meetings in Wisconsin this year.

Respectfully submitted,
Karen Bailey

CPS Symposium and Workshop

The SWC has traditionally been a subject matter committee in CPS. In 1996 efforts were undertaken to revitalize this committee and a new mandate was developed. Initially the new mandate worked well as new symposia and workshops were developed for the annual meeting, but there was no mechanism to carry the committee forward from year to year. As a result, membership on this committee has declined. After searching the history of this committee, it was decided that a change to the by-laws was needed to ensure there will be continuity from year to year for the planning and organization of the symposia and workshops at the annual meeting.

The committee would like to thank Debbie Fujimoto and Larry Kawchuk for planning and organizing the symposia and workshops for the 2001 Annual Meeting in Waterton, Alberta.

Respectfully submitted,
Karen Bailey

CPS Science Policy Committee

No report to submit.
Karen Bailey

CPS Ad Hoc Microbial Genetic Resources and Culture Collection Committee

A resolution to prevent further erosion of unique microbial collections in Canada (prepared by André Levesque and Carolyn Babcock) was presented to and supported by the Canada Committee on Crops, and Canadian Agri-Food Research Council (CARC). These organizations agreed that the loss of microbial culture collections is a national issue that needed to be addressed in the coming year and a special meeting should be held for genetic resource workers to develop a national strategy. CARC prepared a memorandum discussing these points and sent it to CPS, Deans of Agricultural Universities and other relevant organizations. Based on the request, the CPS Microbial Genetic Resources and Culture Collection Committee has agreed to take the lead role in organizing such a workshop and CPS

has committed financial support up to \$3,000 to co-sponsor the workshop with CARC.

CPS members can help this committee by identifying microbial collections that are at risk, suggesting potential speakers for the workshop, suggesting preferences for the date and location in 2003 for the workshop to be held, or volunteering to help with workshop planning (Contact: Tom Fetch at tfetch@em.agr.ca)

Respectfully submitted,
Karen Bailey

Future Meetings Committee Report

The 2003 CPS-SCP meeting will be in Montreal, and Ajjamada Kushalappa has agreed to serve as a chair of the Local Arrangements Committee. The tentative date for the meeting is from June 15-18. I appreciate members and non-members, especially from Quebec, to come-up with special events. Please feel free to contact me:

ajjamada.kushalappa@mcgill.ca

if you have any suggestions. We welcome volunteers to organize symposium, industry seminar, workshop, etc., in addition to other local arrangements. Other meetings proposed are: 2004 in Ottawa, 2005 in Edmonton (with Plant Canada), and 2006 in Quebec (with APS). Up-to-date information will be posted in the society website.

A. C. Kushalappa (Chair)

Report Of the Nominating Committee

Proposed slate for 2002 - 2003

CSP/SCP BOARD

President: K. L. Bailey

President Elect: R. A. Martin

Vice President: **R. Hamelin**

Past President: G. J. Boland

Secretary: K. E. Mallett

Treasurer: **D. Fernando**

Membership

Secretary: G. D. Jespersen

Senior Director: O. Carisse

Junior Director: **J. G. Menzies**

Standing Committees

Nominating Committee (5 members)

Greg Boland (Chair), Roger Rimmer, Rick Peters, **Debbie McLaren, Tom Hsiang**

Awards Committee (5 members)

Khalid Rashid (Chair), Sue Boyetchko, Brent McCallum, Suha Jabaji-Hare, **Antonet Svircev**

Future Meetings Committee (3 members)

Mike Celetti (Chair), Randy Kutcher, **Kelly Turkington**

Resolutions Committee (3 members)

Jeannie Gilbert (Chair), Ken Conn, **Allen Xue**

Financial Advisory Committee (10 members)

Greg Boland (Chair), Karen Bailey, Richard Martin, Zamir Punja, Dilantha Fernando, Larry Kawchuk, Ron Howard, Jim Menzies, **Patrice Audy**

Science Policy Committee (5 members)

K.L. Bailey (Chair), R.A. Martin, Peter Burnett, Carole Beaulieu, Randy Clear, **Gordon Braun**

The names of proposed new members of the Board and Standing Committees are highlighted in bold. The remaining members are continuing or completing their terms as specified by the Society By-Laws.

Additional nominations can be made by the members at large for any of the following positions: Vice-President, Junior Director, Nominating Committee, Awards Committee, Future Meetings Committee, Resolutions Committee, and Science Policy Committee. These nominations shall be signed by five members of the society and by the nominee. They must have been received by the CPS/SCP Secretary, Ken Mallett, by May 3, 2002, which is six weeks before the Annual Business Meeting.

Respectfully submitted,

S. Roger Rimmer (Chair), Zamir K. Punja, Jim G. Menzies, Rick D. Peters, Paul Hildebrand

Tuber Ringspot Necrosis Strain of Potato Virus Y (PVY^{NTN}) Update

In recent years the tuber ringspot necrosis strain of *Potato virus Y* (PVY^{NTN}) has been detected in new areas of the world. For the last decade or so, it was confined to Europe but, in the last two years, it has been observed in North and South America, Asia and in New Zealand. Since our earlier procedure in the detection of PVY^{NTN} has been used in the new occurrences of the virus all over the world and we received many enquires about our procedures, we tried to develop new protocols and some explanation for the sudden outbreaks of the virus. Below are two short reports on this study.

Probable geographical grouping of PVY^N and PVY^{NTN} based on sequence variation in P1 and 5'-UTR of the PVY genome and methods for differentiating North American PVY^{NTN}

In recent years, an increasing number of countries have reported the occurrence of potato tuber necrotic ringspot disease (PTNRD), caused by tobacco veinal necrosis strain of *Potato virus Y* (PVY^N), belonging to the sub-group tuber necrosis (PVY^{NTN}). Methods for the differentiation of PVY^{NTN}, based on primer sequences often detect isolates of European (EU) type but not the North American (NA) type. To resolve this problem, the nucleotide sequence of 5'-untranslated region (5'-UTR) and the P1 gene of eleven isolates of PVY^N and PVY^{NTN} from EU and NA was determined. Sequence comparison and phylogenetic analysis of 5'-UTR and P1 region indicated that PVY^N isolates from EU and NA formed their own separate groups. Intra-group sequence identity for all except one was over 98%, as opposed to the inter-group identity of 90%. Additionally, the PVY^{NTN} isolates from EU and NA clustered with their respective PVY^N isolates. This indicates a possible evolution of PVY^{NTN} isolates from the PVY^N isolates of a geographic region. With this information of regional relationships of PVY^{NTN} and PVY^N isolates, we have developed two approaches based on a competitive RT-PCR and a restriction pattern, for the differentiation of NA-PVY^{NTN} from the local PVY^N and from EU-

PVY^{NTN}. Thus sequencing of the P1 gene and use of competitive RT-PCR approach could be applicable for determining the possible origin of new occurrences of PVY^{NTN} from other geographic regions.

A new approach for the simultaneous differentiation of biological and geographical strains of *Potato virus Y* by uniplex and multiplex RT-PCR

Two strains of *Potato virus Y* (PVY), the common (PVY^O) and the tobacco veinal necrosis (PVY^N) have been known for decades. More recently, a tuber ringspot necrosis (PVY^{NTN}), and several recombinants of PVY^O and PVY^N (designated here as PVY^{N:O}) have been described. Further, the PVY^N group of strains have been assigned to two geographical subgroups of European (EU) PVY^{N/NTN} and the North American (NA) PVY^{N/NTN}. The evolution of new PVY^N strains, has complicated the diagnosis, which requires a combination of bioassay, serological and molecular assays. To simplify the identification and differentiation of various PVY^N strain groups, a competitive (single antisense and multiple sense primers) reverse transcription-polymerase chain reaction (RT-PCR) was used, making use of minor differences in the variable region part of the PVY genome. Specifically, primers based on small variations in nucleotide stretches of the P1 gene permitted a broad range separation of PVY^O and PVY^N groups and the specific detection of strain subgroups. The primer pairs designed for identifying PVY^O, EU-PVY^{N/NTN}, NA-PVY^N and NA-PVY^{NTN} are described. Primer pairs can be used in a uniplex (single pair of primer) or multiplex (duplex, tetraplex or pentaplex) competitive RT-PCR, allowing simultaneous testing for any combination of PVY^O, EU-PVY^{N/NTN}, NA-PVY^N and NA-PVY^{NTN}.

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People and Travel

Biological Control of Forest Diseases & Weeds Research Laboratory - Pacific Forestry Centre, Victoria, BC.

1. **Dr. Steven Zhao** - NSERC Visiting Fellow has recently joined "The Shamoun's Lab." Dr. Zhao is conducting research on formulation and delivery technologies of the biocontrol agent *Valdensinia heterodoxa* for control of forest weed salal- *Gaultheria shallon*.

2. **Cheryl Konoff** - has recently joined Dr. Shamoun as his Research Technician. Cheryl comes from Nova Scotia where she did her M.Sc. thesis on *Colletotrichum gloeosporioides* as classical biocontrol strategy for control of *Malva* in Nova Scotia.

3. **Tod Ramsfield** - Ph.D. candidate at UBC-Forest Sciences will defend his degree on May 24. Tod's Ph.D. thesis is entitled: Biological control strategy for management of lodgepole pine dwarf mistletoe (*Arceuthobium americanum*). Drs. Bart van der Kamp and Simon Shamoun served as Research Co-Supervisors for Tod's Ph.D. work. Also, Tod has already accepted a research position as a Molecular Forest Pathologist with Forest Research- Forest Health & Biosecurity Research Group in New Zealand. Congratulations Tod for a job very well done!!!.

4. On June 17-21, **Dr. Simon Shamoun** is attending the 4th International Conference on Forest Vegetation Management: Technical, Environmental and Economic Challenges, at Nancy, France. Simon will present a scientific paper in the plenary session: Efficacy of *Chondrostereum purpureum* on aspen in coniferous forests of northern British Columbia, Canada.

5. A patent was developed by Drs. Simon Shamoun and **Susanne Vogelgsang** on "Culture, Formulation and application technique of *Valdensinia heterodoxa* for use as a biological control agent of salal. The final version of the patent has been submitted to US Patent Office on May 23.

6. The following graduate students: **Lea Rietman, Sue Askew, Jennifer Wilkin** and **Grace Sumampong** - all M.Sc. candidates at UBC and SFU are continuing their research work on different tasks related to biocontrol of western hemlock dwarf mistletoe, salal and weedy *Rubus* species.

DID YOU KNOW...???

The Newsletter is starting a new section entitled 'DID YOU KNOW...?' This part of the Newsletter will deal with some of the interesting and sometimes odd developments in science, in particular plant pathology. Since David and Jim are neither interesting nor odd (?), it will be up to YOU, our loyal readers, to supply us with this information. So PLEASE submit whatever you think people might be interested in. You will probably be surprised how many of us did not know your interesting little tidbit of information, and you can have great satisfaction in knowing that we are all a little wiser because of your input. Some of the things that we need answers to are: 1) where does the name Petri in Petri dish come from? 2) was the rim of the Petri dish named after Roger Rimmer? and 3) does Jim's daughter's second name (Erin) arise from Erysiphe? The world will be a better place if we knew these answers. This may also help some of you when having to dream up or answer comprehensive exam questions (and you can thank David and Jim).

*Our first submission was contributed by
Dr. J.D. Procnier of AAFC, Winnipeg.*

The Southern blot, which is universally used by biotechnologists, was invented by Dr. E.M. Southern (England) to visualize DNA fragments. Dr. Southern's name became associated with the technique to help identify the technique. This was followed by the Northern Blot for RNA fragments and the Western Blot for protein peptides. To the best of our knowledge there is no Eastern blot. Would an Eastern blot be a test for carbohydrates?

As you can see, we are not asking for a Thesis. Submissions should be kept short and simple.

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If you read my tale of woe from the March issue, you might be wondering if I have any hair left to lose. Well, I'm happy to report that things have begun to run a little more smoothly. First of all, the new CPU has put an end to time wasted in crash recovery. Second, I was most pleased to discover that PageMaker 6.5 actually *does* load up and run in Windows XP. The downside is the machine did not come with an Office suite so, in order to ready your submissions for placement, I need to swap files on floppy disks between three machines. I hope to goodness that nothing goes missing this time.

That reminds me that I owe a humble apology to Bud Platt and to Rudra Singh for failing to get the item on PVY^{NTN} into the last issue.

Associate Editor, Jim Menzies, and I had a most pleasant lunch meeting a few weeks ago to discuss items for upcoming issues of *CPS-SCP News*. I am enthused about Jim's idea to explore whether the organic sector of agriculture needs plant pathologists (or can they live without them?). You've seen already the first fruits of some of our brainstorming in the feature "Did You Know . . .?" A corollary to that question is "Can You Tell Us . . .?" Here's the first challenge. Can anyone tell us the origin of the name 'pasmò' for the disease of flax caused by *Mycosphaerella linicola*? Does it have something to do with a painting by Raphael, *El Pasmò de Sicilia*, originally from a convent in Palermo, Italy, now hanging in a museum in Madrid?

As I take my file to Dave's Quick Print in Winnipeg today, May 24th, *The Winnipeg Free Press* asks "What's Wrong with the Weather?" Perhaps hell has to freeze over for the Leafs to win the Stanley Cup again. After their loss last night it appears the spring and golf season could begin as soon as Saturday. Dyed-

in-the-wool fan that I am, though I still hold out faint hope. You'll know by the time you're heading for Waterton Lakes to the AGM what has transpired.

With last night's frost, my early-seeded flax for the 2002 Crop Diagnostic School might be in jeopardy. I'll be taking its pulse later this morning and, if it survived, cutting and spreading some flax stubble in order to promote development of pasmo. Manitoba Ag & Food's annual showcase will feature an expanded emphasis on plant diseases, include some of our "forgotten crops," and examine principles of foliar fungicides. Join us July 9-19 here in Carman, MB (the center of the universe), if you're looking for something to do at that time of year.

Well it's time to wrap this up, convert *the News* into a PDF document to fire off to Greg for the CPS-SCP website, and begin my day job. Unfortunately, neither Jim Menzies nor myself will be able to attend the annual meeting in Alberta. I'll have to call on someone to read our brief Newsletter Editors' report (opposite page) at the AGM. For those of you lucky enough to attend - have a wonderful time!

The first CPS-SCP annual meeting that I was able to attend was held at Banff more than 10 years ago and I had the pleasure of working on local arrangements with Ron Howard, Denis Gaudet, Henry Huang and Bob Conner. Best wishes to Larry Kawchuk and crew for a successful event in June 2002.

Ed.

CPS-SCP News Editors' Report

The cost of production for the last 4 issues (June 2001 March 2002) was \$4832.57. The individual contributions were mailing - \$1926.14 (postage rates increased), printing - \$1584.99 (a decrease), dedicated e-mail - \$497.06, stationery supplies - \$344.38, French translation - \$300 and pre-mail processing \$180 (the Kaminski kids now handle the addressing, stamping, stuffing and sealing). It was not necessary to print more cover stock this year or the cost would have been just over \$5000 (the budgeted amount).

Suggestions for editorial content and improvements to the *CPS-SCP News* are always welcome. Instructions for contacting the Editor are printed in every issue.

David Kaminski, Editor

Jim Menzies, Associate Editor

Who's Afraid Of The Shepherd's Crook?

Notes From A Glossarist.

My *Concise Oxford Dictionary* (COD) defines "glossary" as: Collection of glosses; list and explanations of abstruse, obsolete, dialectical, or technical terms, partial dictionary. I don't know about the glosses and the obsolete, but we co-editors of the new edition of *Diseases of Field Crops in Canada* (DFCC) agreed that the book should continue to contain a glossary. Karen Bailey, Bruce Gossen and Richard Gugel seemed quite pleased when, in a weak moment during one of our three-times-a-week, all-afternoon meetings in March, I volunteered to "start work" on the glossary. Being retired, and generally having little or nothing to do, it seemed like the right gesture to make to my younger and more active colleagues. However, it has proven to be quite a job, although not without an amusing moment or two.

The story about the word "glosses" and how the senses of "gloss" in the English language have changed over the years (explained in the *Shorter* [actually longer] *Oxford Dictionary*) make interesting reading. However, that's another story, perhaps for a future edition of *CPS News*, although as it is probably only peripherally related to pathology, it might be rejected by the editors. So, back to the main story! My first step was to get the glossary from the old edition typed into a file, so that I could make additions, deletions and corrections. A new young secretary in the Department produced a beautiful virtual carbon copy of the two pages in the old *DFCC* and emailed it to me. Never mind the fact that she is probably too young to know what carbon paper is, but since she is also young enough to be my daughter, she probably did not realize that the telephone-book sized font on the screen was virtually illegible to my aging eyes. However, this problem was soon overcome and I started work on a large-type version.

When it came to adding new terms and revising others, I thought that it would be a good idea to ~~lif~~ ~~plagia~~ consult other people's definitions of terms. This was not so much to help me, but to check and see if the others had got them right in the first place. So, there I was, seated in my office with several other glossa-

ries and dictionaries open on the desk beside my keyboard, not to mention a plethora of plant pathology publications on my shelves. The *COD* defines “plethora” as an “unhealthy repletion,” so it sure sounds as though it has something to do with pathology. Of course, none of the older texts on my shelves, especially the British ones, have glossaries. I guess at one time it was considered that if you were bright enough to read a plant pathology book, you must also be bright enough to understand the technical terms.

For a while everything went smoothly. I was congratulating myself on how this glossary would be much more comprehensive than that in the old edition, since I seemed to have to define every second technical term that arose. Could it be that so many new terms had been developed since 1984? Or were our chapter editors much more erudite than those in 1984? Or had my perception of readers’ ignorance level increased dramatically? Whatever the reasons for the need, the task was not difficult; I could usually find something in one or more of my reference sources to support my sense of what various terms meant. At least, that was true until I came to..... “shepherd’s crook”.

“Shepherd’s crook” is an important term. In the new *DFCC* it occurs in at least five separate chapters. I would say that it is a term that every schoolboy (and schoolgirl) should know — at least if they are going to plant pathology school. It describes a common symptom in which a, — er, well a stem, er — like, — you know what I mean. Sounds like it needs glossing! I don’t know about you readers, but when I was growing up in Britain, even though there were lots of sheep around, there weren’t many shepherds left. And they didn’t walk carrying crooks, they drove Land Rovers. So, in 2002 in Canada, with very few sheep, and probably almost no shepherds and shepherd’s crooks, it seems reasonable to assume that most people will not know what a shepherd’s crook looks like. Yet in all the sources on my shelves that I searched - glossaries, dictionaries of plant pathology and mycology, plant pathology texts, and APS compendia - I could not find a previous definition, even in books

where the term is used in the text.

Not that the absence of the term in previous glossaries caused me to let this important topic be glossed over. (Check the Shorter Oxford Dictionary for this connection, don’t wait for my next article.) Buy a copy of the new *DFCC* in a few months and see the definition I came up with! However, one has to wonder about this peculiar previous oversight, especially as it is not difficult to find definitions of the “witches’ broom” symptom in books on plant pathology. I’m willing to bet that any one of us would have a better chance of finding a real live shepherd carrying a shepherd’s crook than a real live witch flying on a witches’ broom.

Definitively yours,
Robin Morrall (Bah!)