

CPS • SCP News



CANADIAN PHYTOPATHOLOGICAL SOCIETY • SOCIÉTÉ CANADIENNE DE PHYTOPATHOLOGIE

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President's Message/Mot du Président

President's message

I would like to start this message by extending my best wishes for 2010 to all CPS members, their families and their friends. With 2009 now behind us, it seems like everyone is breathing a sigh of relief with hopes that, after a tumultuous



Richard Bélanger
CPS-SCP President/Président

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period, things will only get better in the upcoming year.

Canadian Journal of Plant Pathology (CJPP)

The CPS can certainly be hopeful and optimistic that 2010 will bring better things with the launch of its "new" *Canadian Journal of Plant Pathology* under the auspices of Taylor and Francis. If everything goes according to plan, the editor in chief, Zamir Punja, confirms that the very first issue should come out in the spring. Together with the transition to a new publisher, CJPP will also move to on-line submission and reviews of manuscripts, a process now implemented by most if not all international journals.

This should speed up the handling of all manuscripts and considerably shorten the time between submission and publication of papers.

Plant Pathology in Canada

By now, each CPS member should have received a form to pre-order a copy of the book "Plant Pathology in Canada 1970-2008". The final format and quality of the book will depend on the number of pre-ordered copies. Therefore, I can only encourage all to support this project in which many CPS members have invested countless hours to offer an updated retrospective of the history of plant pathology in Canada. If you have not received an order form and wish to order your copy, please contact Denis Gaudet (Denis.Gaudet@AGR.GC.CA).

CPS annual meeting : Vancouver

The next CPS meeting (June 20-23, 2010) will be held jointly with the APS-Pacific Division in Vancouver on the beautiful campus at UBC. As always, this is the ultimate occasion to network with your CPS colleagues and to take advantage of the presence of APS members to establish new collaborations or be privy to new research endeavours south of our border. Tom Forge, local arrangements chair, has already put together an impressive team of collaborators to make sure the event will be memorable. The preliminary program already considers three symposia on topics covering genomics, climate change and biocontrol. With our busy schedule, it is certainly not too early to pencil down those

dates and make this meeting one of your priorities for 2010.

Farewell Lakhdar

The year 2009 ended with a terribly sad note with the passing of Dr. Lakhdar Lamari. Lakhdar was known and befriended by many CPS members and we will all remember his contagious laugh and good spirit. Lakhdar was always involved in CPS affairs and was instrumental in setting up the CPS website while maintaining it for many years. Those of us who had the pleasure of knowing him will reminisce fondly on his good nature, his quick wit and his kindness. On behalf of the CPS membership, I would like to offer my sincere condolences to Lakhdar's family and his many friends. We will miss him.

Regional and other meetings

Teaching and family duties have considerably hampered my travelling opportunities in the Fall. Nevertheless, I was very much encouraged by the number of regional meetings that were held in the last couple of months, which maintains

"On behalf of the CPS membership, I would like to offer my sincere condolences to Lakhdar's family and his many friends. We will miss him."

CPS at the forefront of a better agricultural sector throughout Canada. I want to address particular congratulations to all CPS volunteers who have made a success of these regional meetings. Closer to my home, CPS member and junior director of the Executive board, Russell Tweddell was the local chair of the APS-Northeastern Division meeting held in Quebec City in late October. The meeting was well attended and appreciated by all participants as Russell invested a lot of time and energy in making it a success.

In the meantime, the Executive Board continues to look after CPS affairs with a particular attention to finances and a balanced budget (this sounds like a politician speaking!). In any event, things are indeed looking up and we can be optimistic for 2010 and the upcoming years. Khalid Rashid, our membership secretary, seems quite pleased with the way membership renewal is progressing. If you have not done so yet, I encourage you to renew your membership and, better yet, urge you to encourage young scientists and students to join CPS.

Mot du Président

J'aimerais d'abord profiter de ce forum pour offrir à tous les membres de la Société canadienne de phytopathologie (SCP), leurs familles et leurs amis mes meilleurs voeux de bonheur et de succès pour 2010. L'année 2009 ayant été marquée par un climat général de récession, nous pouvons tous espérer des nouvelles plus fastes pour la prochaine année.

Revue canadienne de phytopathologie

D'ores et déjà, l'année 2010 promet de belles choses pour notre Société avec le lancement de la « nouvelle » *Revue canadienne de phytopathologie* sous l'auspice du groupe Taylor & Francis. Selon toute probabilité, l'éditeur en chef, Zamir Punja, nous informe que le premier numéro sortira au printemps sous un nouveau format et une nouvelle présentation. De plus, le journal offrira maintenant tous les services de soumission et de révision en ligne, une option désormais incontournable pour

toutes les grandes revues internationales. On peut ainsi anticiper un meilleur service tant au niveau d'évaluation que du temps de publication des manuscrits soumis à la revue.

La pathologie végétale au Canada

J'assume que vous avez reçu l'invitation à commander votre copie du livre « La pathologie végétale au Canada, 1970-2008 ». De fait, il est très important que vous acheminiez votre intention d'acheter une copie, puisque cette pré-vente influencera le format final du livre. Évidemment la qualité de production augmentera avec le nombre de livres commandés. Je vous encourage donc à retourner sans tarder votre coupon de commande à Denis Gaudet (Denis.Gaudet@AGR.GC.CA). Plusieurs membres de notre société ont investi de nombreuses heures dans la conception et la préparation cet important ouvrage et ce livre retrace avec beaucoup de détails les grands moments et acteurs de la pathologie végétale des quelque 40 dernières années.

Réunion annuelle 2010 : Vancouver

Notre prochaine réunion annuelle se tiendra conjointement avec les membres de la division pacifique de la Société américaine de phytopathologie du 20 au 23 juin 2010 à Vancouver sur le campus de UBC. Comme toujours, cet événement représente l'opportunité par excellence de réseauter avec nos collègues de la SCP, avec en prime cette année, celle de rencontrer les membres de l'APS et d'établir de nouveaux liens et de nouvelles collaborations. Tom Forge, président du comité local, a déjà effectué un boulot remarquable pour s'entourer d'une équipe qui travaille activement au succès de la réunion. En marge des activités sociales et éducatives, le programme préliminaire prévoit déjà trois sessions d'intérêt

touchant les sujets de la génomique, le réchauffement climatique et la lutte biologique. Je vous invite donc à prévoir dès maintenant votre participation à cette première réunion de la nouvelle décennie.

Au revoir Lakhdar

L'année 2009 s'est terminée sur une note tragique avec le départ prématuré de notre collègue Lakhdar Lamari. Lakhdar était

assurément l'un des membres les plus appréciés de la SCP tant par son implication au sein de notre société que par son charisme. Ceux et celles qui ont eu le plaisir de connaître Lakhdar se souviendront de son rire contagieux, de sa bonne humeur éternelle, de son sens de la répartie et de sa bienveillance. Au nom de la Société canadienne de phytopathologie, je tiens à offrir à la famille de Lakhdar ainsi qu'à tous ses proches, mes plus profonds vœux de condoléances.

Réunions régionales

Des contraintes familiales et académiques ne m'auront donné que peu d'opportunités de déplacement au cours de l'automne 2009. J'ai toutefois suivi avec beaucoup d'intérêt la myriade de réunions régionales qui se sont tenues au cours des deux derniers mois. Ce dynamisme est tout à l'honneur des membres de la SCP et je tiens à féliciter et remercier tous les organisateurs de ces réunions et les participants qui contribuent au rayonnement de notre profession. Plus près de chez moi s'est tenue la réunion annuelle de la division nord-est de la Société américaine de phytopathologie à Québec du 28 au 30 octobre. Russell

Tweddell, membre de la CPS et directeur junior du Comité exécutif, s'est fait l'organisateur de l'événement qui a connu un franc succès avec tout près de 70 phytopathologistes du Canada et des Etats-Unis.

Au travers de toutes ces nouvelles, le Comité exécutif a tenu deux réunions

visant à assurer la bonne démarche des activités de la SCP avec une attention particulière sur les

<<Au nom de la Société canadienne de phytopathologie, je tiens à offrir à la famille de Lakhdar ainsi qu'à tous ses proches, mes plus profonds vœux de condoléances.>>

aspects financiers. Après quelques années de rapports négatifs, il semble que la Société émerge enfin sur un bilan positif. Sur une note tout aussi positive, Khalid Rashid, secrétaire pour l'adhésion des membres, nous informe que la campagne de renouvellement des membres pour l'année 2010 va bon train. Si ce n'est déjà fait, je vous invite donc à renouveler votre abonnement dans les meilleurs délais et par la même occasion, à encourager un collègue ou un étudiant à joindre notre Société.

Committee and Other Reports

CPS Awards Nominations due by

Please take time to consider and discuss with your CPS colleagues worthy candidates for the awards listed below. Awards will be presented at the CPS Annual Meeting. Nominations must be received by the CPS Awards Committee Chairperson by April 1, 2010. Nominations can be sent to Stephen Strelkov, CPS Awards Committee Chair at stephen.strelkov@ualberta.ca

There are several types of awards sponsored by CPS. These Awards represent an important means of acknowledging the contributions of our members to our society, to the science of plant pathology and to the community in which we live.

1. Honorary Member

The nominee can be any person who has rendered eminent service to plant pathology and shall normally not be a member of the Society.

2. Fellow

Nominees shall be regular members of the Society who have rendered outstanding service to the Society and to the profession of plant pathology.

3. Award for Outstanding Research

This award is intended to recognize outstanding research in plant pathology in Canada. As the Society's most prestigious award, consideration is given to research involving new concepts, the discovery of new phenomena, or principles in plant pathology or novel application of existing principles.

4. Outstanding Young Scientist Award

The award is intended to recognize the contribution of a junior scientist, judged to

have had a major impact on plant pathology in Canada.

5. Graduate Student Travel Award

The purpose of this award is to provide reimbursement to selected graduate students to attend the Annual Meeting of the CPS. Two travel awards are presented annually by the CPS, each for a value of \$500 per student.

6. Achievements in Plant Disease Management

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.

A full description of each award, criteria and guidelines on nominating a colleague for a CPS Award or for students to apply for the Graduate Student Travel Award can be found on the CPS Website at <http://www.cps-scp.ca/awards.htm>

Regional Meetings

CPS Eastern Ontario Report

On Nov. 1-4, the Sixth Canadian Workshop on Fusarium Head Blight/Sixième Colloque Canadien sur la Fusariose took place at the Marriott Ottawa. This event provided the opportunity to 35 invited speakers to report on a broad range of topics such as advances in breeding and markers to develop resistance to fusarium head blight, new progress achieved in the biology of the disease, its toxicology and safety, and management. Proceedings of the workshop are available at www.cwfhb.org

Guest speaker, **Randy Clear**, reported that *"more than half of the CWRS wheat acreage in Manitoba was planted to varieties*

rated as poor and very poor for FHB resistance in 2008 and this situation may have without any doubt contributed to over 50% of the Manitoba CWRS crop being degraded due to FDK (fusarium damaged kernels) in 2008.”

Once again, the attendance at this biennial Canadian workshop was excellent with over 165 participants. The event was chaired by **Linda Harris**, demonstrating the interest of biotechnologists in collaboration with phytopathologists and plant breeders to tackle the recurrent problem of fusarium head blight in cereals. Seventy posters were presented with participation from across the country, the US, and some from Switzerland, Germany, Austria, and the UK. Many of these presentations involved members of the CPS Eastern Ontario region.

Among them, **Gopal Subramaniam** reported on an alternate route to attain resistance against *Fusarium graminearum* by studying a “innate immunity pathway” in plants. His work is leading to a detailed characterization of the biochemical immunity pathway in wheat that can trigger the recognition of a pathogen and lead to some immunity response even in susceptible cultivars. **Allen Xue**, besides extensively reporting his work contributions at the poster session (8 posters), reported on FHB bio-control using a strain of *Clonostachys rosea*, ACM941, evaluated for its ability to inhibit perithecial production of *G. zeae* and for the control of FHB. **Marc Savard**, as well as co-chairing the session on mycotoxins, contributed extensively to presentations associated with deoxynivalenol (DON) contamination presented by plant breeders across the country. Among other members from the Eastern Ontario Region who contributed to the success of this event were Shea Miller, Keith Seifert, Xiaoyang Zhu, and myself.

Finally, as past contributor and organizer of this event, I want to take the opportunity to thank the Society for its

support to these collaborative efforts in plant pathology. I wish for my part to say farewell, as I will be retiring next January.

Respectfully submitted,
Bernard Vigier
CPS Eastern Ontario Regional
Representative

Rapport régional de la région de l'Est ontarien

C'est au Marriott d'Ottawa que s'est tenu le Sixième Colloque Canadien sur la Fusariose du 1^{er} au 4 novembre dernier. Cette rencontre a donné l'occasion à 35 orateurs invités de présenter leurs progrès réalisés sur une variété de sujets visant à développer la résistance à la fusariose tels que, l'amélioration et les marqueurs génétiques, la biologie de la maladie, sa toxicologie, son innocuité et sa régie. Un recueil des présentations du colloque est disponible en ligne au site www.cwfhb.org

L'orateur invité, **Randy Clear** a rapporté que « *plus de la moitié des superficies ensemencées de blé roux de printemps (CWRS) ont été réalisées avec des variétés classées comme moyennement à très susceptible à la fusariose en 2008. Nul doute que cette situation a contribué au déclassement de plus de 50% de la production manitobaine de blé de type CWRS en 2008 en raison des dommages causés par les grains fusariés.* »

Une fois de plus, la participation à ce colloque canadien bisannuel a été excellente avec plus de 165 personnes. La contribution des chercheurs en biotechnologie, en phytopathologie et en amélioration génétique et leur engagement vers une solution au problème récurrent de la fusariose des céréales ont été bien soutenus par la présidente du colloque, **Linda Harris**. Soixante-dix affiches furent présentées avec une participation pancanadienne et

aussi des Etats-Unis, de la Suisse, de l'Allemagne, de l'Autriche et de la GB. De nombreuses présentations ont été réalisées avec la participation des membres de la de la SCP de la région de l'Est ontarien.

Parmi ceux-ci, nous avons **Gopal Subramaniam** qui a fait une présentation sur une avenue innovatrice pour obtenir une résistance au *Fusarium graminearum* en étudiant le « cycle immunitaire inné » de la plante. Son travail consiste à élaborer une caractérisation détaillée du cycle biochimique de l'immunité du blé qui peut déclencher une réaction immunitaire suite à l'identification d'un pathogène même chez des cultivars susceptibles.

Allen Xue a aussi rapporté les réalisations de ses travaux sur le contrôle biologique de la fusariose grâce au *Clonostachys rosea* ACM941 et son habileté à inhiber la production des périthèces produits par *G. zea* afin de contrôler la fusariose, en plus de présenter huit affiches techniques.

Marc Savard a abondamment contribué aux présentations sur les travaux des améliorateurs répartis à travers le pays reliées à la contamination par le désoxynivalénol (DON), en plus de co-présider une session sur les mycotoxines. Parmi les autres membres de la SPC de la région de l'est ontarien qui ont contribué au succès de ce colloque, il y avait Shea Miller, Keith Seifert, Xiaoyang Zhu et moi-même.

En terminant, en tant qu'ancien contributeur et organisateur de cet événement, je voudrais remercier la société pour le support qu'elle a accordé au fil des ans à ces efforts de collaboration avec la phytopathologie. Je tiens aussi à saluer tous les membres une dernière fois car je prendrai ma retraite en janvier prochain.

Respectueusement vôtre,
Bernard Vigier
Représentant régional de la SCP de l'Est ontarien

CPS British Columbia Regional Meeting Report 2009

On Oct. 20th, 2009, plant pathologists and students from government, universities, and industry attended the regional meeting at Agriculture and Agri-Food Canada's Pacific Agriculture Research Centre (AAFC-PARC) in Agassiz, BC. The meeting was arranged and hosted by Dr. Tom Forge, with help from Dr. Janice Elmhirst and Andrea Buonassisi. Oral and poster presentations were given on fungi, viruses, protists, and nematodes affecting potatoes, vegetables, berries, grapes, and forest conifers. Ms. Vippen Joshi, BC Ministry of Agriculture and Lands gave an update on noteworthy plant diseases submitted to the provincial Plant Diagnostic Laboratory in the past year and Dr. Ekaterina Riga, IAREC, Washington State University, Prosser, gave an interesting presentation on the use of biofumigants, including green manures, mustard meals, and fungal endophytes against plant parasitic nematodes of vegetable crops in Washington State.

The prize for the best student oral presentation (\$150) was awarded to Geoff White, University of British Columbia, Faculty of Land and Food Systems, for his paper "Chloroplast targeting of cucumber necrosis virus coat protein is affected by mutations in a 14-3-3 binding motif," (supervisor Dr. D'Ann Rochon, AAFC-PARC, Summerland). Thanks to the student competition judges, Andrea Buonassisi, Vippen Joshi, and Maria Jeffries. The award was made possible by a \$150 contribution from CPS.

At the business meeting, Mr. Mike Cruickshank, co-Treasurer with Ms. Rona Sturrock, reported a current balance of \$4,481.17 in the regional account as of Sept. 30 (not including the current meeting balance). All funds have been transferred from retired treasurers Dr.'s Bob Copeman and Dick Stace-Smith. It was moved by Mike Cruickshank and

agreed by all to invest \$4,500, or the balance remaining after the current year's meeting, in a 1-year GIC (term deposit). It was agreed, as proposed by Rona and Mike, that, since the account has little activity except at the time of the regional meeting, the CPS-BC Regional account be transferred from the Royal Bank, where we paid \$33.75 in service fees in 2008, to a "no service fee" account at a credit union, such as Coast Capital Savings in Victoria.



Geoff White accepting the graduate student award for best presentation from student competition judge, Andrea Buonassisi, 2009 CPS BC regional meeting, October 20, 2009, Agassiz, BC

In light of declining participation by students at both regional and national meetings, it was suggested at the previous year's meeting that travel bursaries be made available to students, especially those from more distant campuses such as the University of Northern British Columbia (UNBC). No dollar figure was discussed and it was agreed to forward the suggestion for discussion at the next meeting. At the 2009 meeting, it was decided to offer two \$200 travel bursaries each year to students traveling to the regional meeting from outside their own region, for example, from UNBC to

southern BC, from Vancouver Island to the mainland, from the Southern Interior to the Fraser Valley, or from the Fraser Valley to meetings on Vancouver Island or the Southern Interior, provided that the student present a paper, oral or poster.

The "2010 National CPS Meeting Committee" chaired by Tom Forge, with Karen Bedford (secretary), Gayle Jespersen, and Zamir Punja reported that the APS Pacific Division has decided to hold their 2010 annual meeting jointly with CPS. Monthly teleconferences with APS-PD co-ordinators and CPS committee chairs began in October, 2009. The joint meeting will take place June 20-23, 2010 at the University of British Columbia (UBC), Vancouver. Symposia on topics in Genomics, Climate Change, and Biological Control have been planned. Tom has prepared a list of committees. Janice Elmhirst has offered to head up Fundraising with help from Jay Pscheidt in Oregon; Gayle Jespersen: Communications; Siva Sabaratnam: Workshops/Tours; Rona Sturrock: Photo Contest. Volunteers are still needed for the position of meeting Treasurer (Richard Hamelin at UBC has since volunteered) and other sub-committees, including Social Events (Elizabeth Hudgins has since volunteered to chair) and Student Social/Activities (Syama Chatterton and Lena Syrovoy have since volunteered to co-chair). Volunteers are very welcome on all committees.

Gayle Jespersen has gotten our BC Regional website up and running. The first posting is an invitation to the CPS National meeting in conjunction with APS-Pacific Division. Thanks, Gayle!

In the evening, after a fabulous banquet at “Raven’s on the Beach”, in Harrison Hot Springs, Dr. Janice Elmhirst entertained the group with “A Plant Pathologist’s Tour of Tanzania”, including the work of the UN’s Agricultural Research Institute in Arusha.

Thanks to our hosts, presenters, student competition judges, and everyone who contributed to making this a very enjoyable meeting.

Since the CPS National meeting will be held in Vancouver in June, 2010, it was decided to post-pone the next BC Regional meeting until October, 2011. However, the BC regional group may hold a business meeting in June at the CPS. Kwantlen University in Langley was suggested as a possible location for the October 2011 meeting and the Regional Rep was asked to follow-up on this in the coming year with Dave Davidson, Jim Matteoni, and Gary Jones at Kwantlen University.

Respectfully submitted by: J. Elmhirst,
CPS BC Regional Representative

Announcements

INTRODUCTION TO FOOD AND AIRBORNE MOLDS –a course in fungal identification

Date and Location 5-9 July 2010, Ottawa, Canada

Organized by the CBS Fungal Biodiversity Centre (Netherlands) and Eastern Cereal and Oilseed Research Centre, Research Branch, Agriculture and Agri-Food Canada

More than 100 mold and yeast species common in indoor air and on food will be examined, including important species of *Penicillium*, *Aspergillus*, *Fusarium*, *Trichoderma*, *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. The course will be held on the campus of the University of Ottawa, a 10-15 minute walk from downtown Ottawa. The teaching laboratory has high quality compound and dissecting microscopes connected to state-of-the art digital cameras and imaging software. Students can capture digital images of the fungi they study and bring them back to their own lab using a portable USB storage device. Each participant will have their desktop computer with Internet access. The course fee is CDN\$1800.

For more information visit <http://www.indoormold.org/Courses/ottawa.htm> or contact Keith A. Seifert (Seifertk@AGR.GC.CA) or Rob Samson (r.samson@cbs.knaw.nl).

Meeting of the 56th Annual Soil Fungus Conference

March 22-24, 2010

Washington State University, Mount Vernon Research Center

16650 State Route 536

Mount Vernon, WA 98273

<http://soilfungus.ars.usda.gov>

Local arrangements: Lindsey Du Toit, Washington State University, Mt. Vernon dutoit@wsu.edu

Program Chair: Timothy Paulitz, USDA-ARS, Pullman, WA. paulitz@wsu.edu

Come and meet with colleagues from the western U.S. working on various aspects of soilborne fungal pathogens, nematodes, and diseases from the molecular to the applied. This meeting is very informal and loosely structured, allowing lots of time for discussions and interactions. We will have a field trip on Mon. March 22 to look at the diverse seed, bulb, and specialty crop production in western Washington and the Skagit Valley. Sessions will be on Tues, March 23 and Weds, March 24. The

meeting will start with a symposium on soilborne pathogens of seed, bulb, and specialty crops. The speakers will be Steven Koike, Univ. California Cooperative Extension; Lindsey du Toit, Washington State University, Mt. Vernon Research Center; and Debra Inglis, Mt. Vernon Research Center.

We are also offering two student scholarships for \$250 plus free registration. The details are on the web site.

Early registration deadline is March 3, 2010. Registration and hotel information are on our web site: <http://soilfungus.ars.usda.gov>. Registration includes a social, continental breakfast, and lunch on Tues. You can now pay by credit card at <http://soilfungus2010.eventbrite.com>. The payment will go through Google Checkout, a secure site, but you need to set up a free Google Account to do this. Whatever payment method, please send the registration form to Dr. Timothy Murray, Dept. of Plant Pathology, Rm. 345 Johnson Hall, Washington State University, Pullman, WA 99164-6430 USA, or FAX to 509 335-7674, or send scan to paulitz@wsu.edu.

For more information, see <http://soilfungus.ars.usda.gov/>

Hope to see you there-

Timothy Paulitz
Program Chair

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Canadian Food Inspection Agency (CFIA) SCIENCE SCAN

The Science Scan was developed by the CFIA's Science Branch as a mechanism to highlight, raise awareness and share significant new information from open sources related to animal and plant health, such as information on new, emerging or re-emerging pathogens or pests.

The following articles have been published in the plant health section of recent Science Scan reports. Should you wish to read the full reports or be added to the distribution list for the Science Scan, please contact Ian MacLatchy at Ian.MacLatchy@inspection.gc.ca.

Science Scan 09-2009, November 2009

PLANT HEALTH ARTICLES:

- 1) Bait Twig Method for Soil Detection of *Rosellinia necatrix*
- 2) First Record of Grapevine Flavescence Dorée Phytoplasma in Slovenia
- 3) *Phytophthora ramorum* Hits Larch, Beech, Birch and Oak Trees in South West (UK)
- 4) New Molecular Method for Identification of Dwarf Bunt of Wheat (*Tilletia controversa*)
- 5) Fungicides to Control Asian Pear Rust (*Gymnosporangium asiaticum*)
- 6) Presence of Necrotic Strains of Potato Virus Y in Mexican Potatoes
- 7) Invasive Vine on U.S. East Coast Beaches Moving Northwards
- 8) A New Exotic Insect Pest of Grapevine Detected in California

Compte rendu scientifique 09-2009, novembre 2009

ARTICLES SUR LA PROTECTION DES VÉGÉTAUX :

- 1) Utilisation de rameaux comme appâts pour la détection du *Rosellinia necatrix* dans le sol
- 2) Première mention du phytoplasme de la flavescence dorée de la vigne en

Slovénie

- 3) Le *Phytophthora ramorum* s'attaque à des mélèzes, des hêtres, des bouleaux et des chênes dans le sud-ouest du Royaume-Uni
- 4) Nouvelle méthode moléculaire pour l'identification de la carie naine du blé (*Tilletia controversa*)
- 5) Utilisation de fongicides contre la rouille du poirier des sables (*Gymnosporangium asiaticum*)
- 6) Présence de souches nécrotiques du virus Y de la pomme de terre dans des pommes de terre du Mexique
- 7) Une plante rampante envahissante des plages de la côte est des États-Unis se propage vers le nord
- 8) Un nouvel insecte exotique nuisible à la vigne est détecté en Californie

People and Travel

Dilantha Fernando

Dilantha Fernando, Professor, Department of Plant Science, University of Manitoba was invited to give the keynote address at the 16th Australian Research Assembly on Brassicas held in Ballarat, Victoria, Australia from September 13-17th, 2009. Dilantha was invited to cover the research on canola/rapeseed diseases of North America. Dilantha's presentation was titled "Disease Issues: Priority Research Areas in North America for Sustainability". Dilantha also visited several canola fields and field trials on blackleg disease and visited the labs of Dr. Barbara Howlett, University of Melbourne during his visit to Australia.

Dilantha Fernando, Professor Department of Plant Science, University of Manitoba, was a keynote speaker in the plenary session of the Seventh International Symposium of Biocontrol and Biotechnology, held in Weihai, China from September 18-21, 2009. The title of his presentation was, "Deducing the

mechanisms of biocontrol activity of *Pseudomonas chlororaphis* PA23 and antibiotic production of *Bacillus amyloliquifaciens* BS6". Dilantha also visited and gave a seminar in the Department of Microbiology, at the Shandong Agriculture University in Tai'an. He visited with representatives from 3BIO a non-profit agricultural company based in Seoul, Korea that is working on poverty alleviation in Mongolia through agriculture, and The Jining Sanhuan Chemical Co. Ltd., in Jining China developing biopesticides for disease control and products for plant growth promotion.

Richard Hamelin

Richard Hamelin a été invité par le groupe de recherche sur les changements climatiques FoRISK à faire une présentation sur les impacts des changements climatiques sur les stress biotiques. La réunion se tenait au Tvärminne Zoological Station de l'université d'Helsinki, sur les berges de la mer Baltique. Il a fait une présentation dans la session plénière intitulée 'Changing climate and consequent biotic risks on forests'. Sa conférence s'intitulait 'Impact of climate change on the Mountain Pine Beetle epidemic in British Columbia: current knowledge and anticipated future prospects'. Il a aussi renoué les liens avec Jarkko Hantula, Kari Korhonen, Michael Mueller, et Timo Kurkela, chercheurs à l'Institut Finlandais de Recherche Forestière. Et évidemment il en a profité pour faire du sauna et se baigner dans la mer Baltique!

Kevin Reeh

Kevin Reeh, a Brock University student in Deena Errampalli's lab (AAFC, Vineland Station, Ontario), won the 3rd Place award for Best Student Poster at the 2009

Southern Ontario Regional Association of the Canadian Phytopathological Society Annual Meeting held at SCPFRC in London, Ontario, on Nov. 7th, 2009. The poster entitled, "Screening for myclobutanil resistance in *Erysiphe necator*, the causal agent of grape powdery mildew,' was co-authored by Reeh, K., Wainman, L., and Errampalli, D.

Employment

Title: Ph.D. Position

Location:

Department of Agricultural, Food and Nutritional Science, Faculty of Agricultural, Life & Environmental Science, University of Alberta, 410 Agriculture/ Forestry Centre, Edmonton, AB T6G 2P5 CANADA

Description: Applications are now being accepted for a 4-year Ph.D. position funded as part of a collaborative research project between Agriculture and Agri-Food Canada (AAFC) in Alberta, Saskatchewan and Manitoba, University of Alberta (U of A), and Alberta Agriculture, and Rural Development. The successful candidate will conduct research as part of a Ph.D. program at the U of A in the area of net blotch of barley under the supervision of Professor Stephen Strelkov, U of A. The project will be focused on conducting a prairie-wide assessment of the current status of the pathogens that cause the netted and spotted forms of net blotch of barley to determine: 1) their variability in pathogenicity, virulence, and molecular characteristics (e.g. form, asexual versus sexual reproduction, mating type, recombination); 2) ability to overcome currently-used sources of resistance; and 3) any variation in the sensitivity of representative pathogen forms and isolates to the fungicides registered to manage net blotch. The student will receive support in

the form of a stipend valued at \$21,000 per year.

Eligibility: Candidates must have completed their M.Sc. in a related field prior to commencement of the award.

Application Deadline: March 19, 2010. The award will be available as soon as a successful candidate is selected, with the exact start date to be negotiated with the candidate. All applicants will be contacted no later than May 1.

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 study (maximum 2 pages) and an indication of when he/she expects to be available to take up the award if successful;
- The candidate's curriculum vitae *including a current e-mail address*;
- Names and current 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.

THERE IS NO APPLICATION FORM AT THIS STAGE

Applications will be considered based on the academic merit and research potential of the candidates. Travel expenses, insurance, immigration fees, etc., will be the responsibility of the fellowship holder. There is no citizenship restriction. **Following initial consideration based on the documents listed above, the selected candidate will be invited to submit a**

formal application for admission to the Ph.D. Program in the Department of Agricultural, Food and Nutritional Science, U of A.

All application materials and enquiries should be directed to:

Professor Stephen Strelkov
Room: 4-16A Ag/For Centre
Department of Agricultural, Food and Nutritional Science,
Faculty of Agricultural, Life & Environmental Science,
University of Alberta,
Edmonton, AB T6G 2P5 CANADA
Phone: (780) 492-1969
Fax: (780) 492-4265
Email: stephen.strelkov@ualberta.ca

Title: Natural Sciences and Engineering Research Council of Canada (NSERC) Visiting Fellowship- 2010

Location: Department of Agricultural, Food and Nutritional Science, Faculty of Agricultural, Life & Environmental Science, University of Alberta, 410 Agriculture/Forestry Centre, Edmonton, AB T6G 2P5 CANADA

Description: Applications are now being accepted for a fellowship, renewable to a maximum duration of 3 years, as part of collaborative research between Agriculture and Agri-Food Canada (AAFC), University of Alberta (U of A), and Alberta Agriculture, and Rural Development. The successful candidate will conduct postdoctoral research in the area of clubroot of canola under the joint supervision of AAFC Scientists and Professor Stephen Strelkov, U of A. The proposed research would address detection of clubroot resting spores (molecular techniques including quantitative PCR, bioassay assessments, and/or direct microscopic observation) and potential gradients associated with soil particle dispersal, water movement and

movement of soil via various vehicular traffic. Research on pathogen dispersal will determine the presence and viability of the clubroot causal agent, *Plasmodiophora brassicae*, quantify it, and examine gradients (in space or over distances from a source) in soils associated with wind and water erosion or movement of field equipment or other vehicles. Knowledge of the presence or absence of pathogen inoculum and the potential for soil-mediated dispersal will help to develop and promote management strategies restricting, or at least delaying, entry and spread of the clubroot pathogen to new areas/fields in Alberta, but more importantly into and within Saskatchewan and Manitoba.

Eligibility: Candidates must have completed their PhD within five years prior to commencement of the award and be accepted into the NSERC Visiting Fellowship eligibility list (for more details please visit the NSERC VF website at http://www.nserc-crsng.gc.ca/Students-Etudiants/PD-NP/Laboratories-Laboratoires/index_eng.asp).

Application Deadline: March 19, 2010. The award will be available as soon as a successful candidate is selected, with the exact start date to be negotiated with the candidate. All applicants will be contacted no later than May 1.

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;
- The candidate’s curriculum vitae including a current e-mail address;
- Names and current 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.

THERE IS NO APPLICATION FORM

Applications will be considered based on the academic merit and research potential of the candidates. Travel expenses, insurance, immigration fees, etc., will be the responsibility of the fellowship holder. There is no citizenship restriction. Following its initial consideration based on the documents listed above, additional information or documents (e.g. official transcripts, original letters) may be requested from short-listed candidates, their universities, and/or their references.

All application materials and enquiries should be directed to:

Randy Kutcher
 Agriculture and Agri-Food Canada |
 Agriculture et Agroalimentaire Canada
 Box 1240 | Boite postal 1240
 Melfort, SK S0E 1A0
 randy.kutcher@agr.gc.ca
 Telephone | Téléphone 306-752-2776 ext.
 232
 Facsimile | Télécopieur 306-752-4911

In Memoriam

Lakhdar Lamari, Ph.D., passed away peacefully on December 11, 2009. Lakhdar was born in eastern Algeria in 1952. He graduated with an Agriculture Engineering degree from the Institute of Agricultural Technology, Mostaganem, Algeria in 1974, where he won a Ford Foundation Fellowship to train in wheat

breeding at CIMMYT for his final year of undergraduate training. He came to Canada for graduate level training in 1979, working under Dr. Claude Bernier, Dept. of Plant Science, U. of Manitoba, where he received his M.Sc. in 1982. He returned to Canada in 1984 to complete his Ph.D. under Dr. Bernier in 1988. He worked as a Post Doctoral Fellow at the Dept. of Plant Science from 1988 to 1990, and joined the academic ranks at the U. of Manitoba in 1990. Lakhdar quickly rose through the ranks to become a full professor by the early 2000's. Lakhdar conducted internationally renowned research in cereals, with special emphasis on tan spot of wheat. He was the first scientist to unravel the mysterious host-pathogen interactions for this disease. In his 'spare time', he used his interest and knowledge of computer science, combined with his knowledge of plant pathology, to develop a computer-based, user friendly plant disease measurement program called "Assess", and marketed it through APS Press. His research was recognized throughout the world through numerous invited seminars given nationally and internationally. Lakhdar was recognized by the CPS in 2007 as a recipient of the CPS Award for Outstanding Research; the highest award given by the CPS. He was very pleased and proud to be the recipient of this award. People were always important to Lakhdar. He will be remembered for his many contributions to the field of plant pathology, and as a professor, kind mentor and friend. Lakhdar will be sadly missed by his wife of 27 years, Dr. Janet Alsip, and their children Adam (17) and Louise (15).

CPS News Editor position

In my current position as CPS-SCP News Editor I have been looking after publishing the Society's newsletter since September of 2003. It is time that someone else with new ideas and a fresh approach to the newsletter takes on the responsibility of pulling together the quarterly issues of the CPS-SCP News. I will look at stepping down from the position of CPS-SCP News Editor in the fall of 2010. If you are interested in the fast-paced world of scientific society newsletters, the position of CPS-SCP News Editor could be just right for you! If you are interested please contact the CPS-SCP News Editor. The Editor can provide details regarding what is involved in pulling together each of the quarterly issues of the CPS-SCP News.

Respectfully submitted by T.K. Turkington,
CPS-SCP News Editor,
kelly.turkington@agr.gc.ca.



**Picture yourself in the fast-paced world
of scientific society newsletters!**

Submission Deadline for the March 2010 issue of CPS - SCP News

PLEASE NOTE: The submission deadline for the **March 2010 issue** of CPS - SCP News is **February 26, 2010**. **If you send photographs for publication in the CPS-SCP News please ensure that you indicate that all individuals appearing in the photographs have given permission for their photographs to appear in the newsletter. Photographs will not be published if permission has not been obtained from the individuals involved.**

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