



Natural Resources
Canada

Ressources naturelles
Canada

VOLUME 18, 2008

CANADIAN FOREST SERVICE

Publications Digest

SERVICE CANADIEN DES FORÊTS

Abrégé des publications

Canada

The State of Canada's Forests

annual report for 2008 provides a succinct overview of key forest-related priorities. It focuses on the opportunities introduced by challenging factors such as climate change, increased global competition, and the mountain pine beetle. The forest sector is already exploring how innovative ideas, technologies, and forest management practices, as well as progressive planning and strategies, will strengthen its resilience. The report also highlights performance indicators and other statistical data.

L'édition 2008

de l'État des forêts au Canada

présente brièvement en revue les grandes priorités liées aux forêts. Ce rapport annuel porte notamment sur les possibilités qu'ont apportées divers grands enjeux comme les changements climatiques, l'accroissement de la concurrence mondiale et le dendroctone du pin ponderosa. Le secteur forestier examine déjà comment les idées novatrices, les technologies et les pratiques en matière de gestion forestière ainsi qu'une planification et des stratégies progressives contribueront à renforcer sa résilience. Le rapport souligne également des indicateurs de rendement et d'autres données statistiques.



The publication is available in the Bookstore, bookstore.cfs.nrcan.gc.ca; in a PDF format file; and on the Canada's Forests Web site, canadaforests.nrcan.gc.ca/rpt.

La publication est disponible en format PDF dans notre librairie, librairie.scf.nrcan.gc.ca, et sur le site Web Les forêts du Canada, foretsCanada.nrcan.gc.ca/rpt?lang=fr.

CANADIAN FOREST SERVICE | SERVICE CANADIEN DES FORÊTS

Bookstore



Librairie

Our online bookstore provides you with easier access to Canadian Forest Service publications.
bookstore.cfs.nrcan.gc.ca

Notre librairie virtuelle vous facilite l'accès aux publications du Service canadien des forêts.
librairie.scf.nrcan.gc.ca

If you wish to receive the *Publications Digest* electronically rather than in printed format, send a message to Francine.Berube@nrcan.gc.ca. We will then notify you when the current issue is available from the Canadian Forest Service Online Bookstore.

Si vous désirez recevoir l'*Abrégé des publications* par voie électronique plutôt que sur papier, veuillez envoyer un message à Francine.Berube@nrcan.gc.ca, et nous vous aviserons lorsque la parution du nouveau numéro sera disponible en ligne à la Librairie du Service canadien des forêts.

The Publications Digest lists publications from the research establishments and headquarters of the Canadian Forest Service (CFS), Natural Resources Canada (NRCan).

Most of these publications are distributed free and may be obtained by contacting the relevant CFS research establishment. The source of each publication is usually indicated by a circled number referring to an address listed on the last page. Publications may be ordered from the CFS Online Bookstore (bookstore.cfs.nrcan.ca) or by mail, fax, phone, and e-mail (see last page for detailed information). Online only publications are available from the CFS Online Bookstore. Priced publications are listed on pages 26–31.

In some cases, an abstract or short description and/or a pdf format file of the publication is available from the CFS Online Bookstore.

The language of each report is indicated by the language of the title. Reference to the availability of the report in the other official language may be found at the end of the bibliographic entry.

This issue includes all publications issued in 2008 and those not previously mentioned in *The Publications Digest*.

L'Abrégé des publications cite les publications des établissements de recherche et de l'administration centrale du Service canadien des forêts (SCF) de Ressources naturelles Canada (RNCan).

La plupart des publications sont gratuites et peuvent être obtenues auprès de l'établissement du SCF qui les a publiées. Un numéro encerclé indique habituellement cette source et renvoie le lecteur à la liste d'adresses qui se trouve à la dernière page de l'*Abrégé*. On peut commander les publications à partir de la librairie virtuelle du SCF (librairie.scf.nrcan.gc.ca), ou par la poste, par fax, par téléphone ou par courriel (voir les précisions à la dernière page). Les publications disponibles en ligne seulement se trouvent dans la librairie virtuelle du SCF. Les publications tarifées sont énumérées aux pages 26 à 31.

Un résumé ou une courte description et/ou un fichier en format PDF de la publication est parfois offert dans la librairie virtuelle du SCF.

La langue du titre indique dans quelle langue la publication est disponible. Si elle l'est dans l'autre langue officielle, un renvoi au titre approprié est donné à la fin de la notice bibliographique.

Ce numéro comprend toutes les publications distribuées en 2008 et les précédentes qui n'ont pas été mentionnées dans *L'Abrégé*.

CFS ONLINE BOOKSTORE
bookstore.cfs.nrcan.gc.ca

LIBRAIRIE VIRTUELLE DU SCF
librairie.scf.nrcan.gc.ca

Table of Contents

Table des matières

General Information	4	Information générale
Climate Change and Atmospheric Influences	5	Changements climatiques et influences atmosphériques
Forest Diseases	8	Maladies forestières
Forest Ecology and Site Classification	9	Écologie forestière et classification des sites
Forest Fires	10	Incendies de forêt
Forest Insects	11	Insectes forestiers
Genetics, Tree Improvement, and Biodiversity	16	Génétique, amélioration des arbres et biodiversité
Growth and Yield, Inventory, and Monitoring	17	Accroissement, inventaire et biosurveillance
Impacts of Forestry Practices	20	Incidences des pratiques forestières
International Trade and Policy	21	Commerce international et politiques
National Strategy and Coordination	21	Stratégie nationale et coordination
Silviculture	21	Sylviculture
Socioeconomics and Statistics	22	Socioéconomie et statistique
Sustainable Forest Management	23	Aménagement durable des forêts
Miscellaneous	24	Divers
Priced Publications	26	Publications tarifées
Establishment Addresses	32	Adresses des établissements

General Information

Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides. 2007. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). N° 13. 2 p. [English: see *In Brief...* No. 13.] ②

Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides. 2007. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). N° 14. 2 p. [English: see *In Brief...* No. 14.] ②

Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides. 2008. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). N° 15. 2 p. [English: see *In Brief...* No. 15.] ②

Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides. 2008. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). N° 16. 2 p. [English: see *In Brief...* No. 16.] ②

In Brief from the Canadian Forest Service, Laurentian Forestry Centre. 2007. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. No. 13. 2 p. [Français : voir *Les Brèves (...)* N° 13.] ②

In Brief from the Canadian Forest Service, Laurentian Forestry Centre. 2007. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. No. 14. 2 p. [Français : voir *Les Brèves (...)* N° 14.] ②

In Brief from the Canadian Forest Service, Laurentian Forestry Centre. 2008. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. No. 15. 2 p. [Français : voir *Les Brèves (...)* N° 15.] ②

In Brief from the Canadian Forest Service, Laurentian Forestry Centre. 2008. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. No. 16. 2 p. [Français : voir *Les Brèves (...)* N° 16.] ②

Bulletin du Programme des collectivités forestières, numéro 1, automne 2008. 2008. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 4 p. [English: see *Forest Communities...Issue # 1.*] ⑥

Bulletin-é du Centre de foresterie des Grands Lacs. [En ligne seulement]. Hiver 2008. RNCAN, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). N° 5. [<http://scf.rncan.gc.ca/nouvelles/source/11/284>] [English: see *Great Lakes...Winter 2008.*]

Bulletin-é du Centre de foresterie des Grands Lacs. [En ligne seulement]. Printemps 2008. RNCAN, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). N° 6. [<http://scf.rncan.gc.ca/nouvelles/source/11/297>] [English: see *Great Lakes...Spring 2008.*]

Information générale

Centre de foresterie des Grands Lacs. Agrile du frêne. 2008. RNCAN, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). Outil d'identification. 12 p. [English: see *Great Lakes...Emerald...*] ③

Centre de foresterie des Grands Lacs. Avez-vous vu le longicorne étoilé? 2008. RNCAN, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). Outil d'identification. 12 p. [English: see *Great Lakes...Have you seen...*] ③

e-Nouvelles du Programme forestier des Premières nations, décembre 2007–janvier 2008. [En ligne seulement]. 2008. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 4 p. [http://fnfp.gc.ca/francais/publications/enews/08_e-news_jan.pdf] [English: see *First Nations...e-news. December 2007–January 2008.*]

e-Nouvelles du Programme forestier des Premières nations, juin–juillet 2008. [En ligne seulement]. 2008. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 5 p. [http://fnfp.gc.ca/francais/publications/enews/08_e-news_june_july.pdf] [English: see *First Nations...e-news. June–July 2008.*]

e-Nouvelles du Programme forestier des Premières nations, automne 2008. [En ligne seulement]. 2008. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 4 p. [http://fnfp.gc.ca/francais/publications/enews/08_e-news_oct_nov.pdf] [English: see *First Nations...e-news, Autumn 2008.*]

L'État des forêts au Canada. Rapport annuel 2008. 2008. RNCAN, SCF, Administration centrale, Direction de la planification, des opérations et de l'information. Ottawa. 42 p. [English: see *The State of Canada's Forests...*] ⑥

First Nations Forestry Program. Annual Report 2005–2006. 2008. NRCAN, CFS, HQ, Science and Programs Branch, Ottawa. 44 p. [Français : voir *Programme forestier (...)* *Rapport annuel...*] ⑥

First Nations Forestry Program e-news, December 2007–January 2008. [Online only]. 2008. NRCAN, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 4 p. [fnfp.gc.ca/english/publications/enews/08_e-news_jan.pdf] [Français : voir *e-Nouvelles (...)* *décembre 2007–janvier 2008.*]

First Nations Forestry Program e-news, June–July 2008. [Online only]. 2008. NRCAN, CFS, HQ, Science and Programs Branch, and Indian and Northern Affairs Canada, Ottawa. 4 p. [http://fnfp.gc.ca/english/publications/enews/08_e-news_june_july.pdf] [Français : voir *e-Nouvelles (...)* *juin–juillet 2008.*]

First Nations Forestry Program e-news, Autumn 2008. [Online only]. 2008. NRCan, CFS, HQ, Science and Programs Branch, and Indian and Northern Affairs Canada, Ottawa. 4 p. [http://fnfp.gc.ca/english/publications/enews/08_e-news_oct_nov.pdf] [Français : voir *e-Nouvelles (...) automne 2008.*]

First Nations Forestry Program. Report to the National Council 2006–2007. 2008. NRCan, CFS, HQ, Science and Programs Branch, Ottawa. 26 p. [Français : voir *Programme forestier (...) Rapport à l'intention...*] ⑥

Forest Communities Program. Helping communities meet the transition challenges of a changing forest sector. Program brochure. 2008. NRCan, CFS, HQ, Science and Programs Branch, Ottawa. 5 p. [Français : voir *Programme des collectivités...*] ⑥

Forest Communities Program Newsletter, Issue # 1, Fall 2008. 2008. NRCan, CFS, HQ, Science and Programs Branch, Ottawa. 4 p. [Français : voir *Bulletin (...) collectivités forestières...*] ⑥

Great Lakes Forestry Centre e-Bulletin. [Online only]. Winter 2008. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Issue 5. [http://cfs.nrcan.gc.ca/news/source/11/284] [Français : voir *Bulletin-é (...) Hiver 2008.*]

Great Lakes Forestry Centre e-Bulletin. [Online only]. Spring 2008. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Issue 6. [http://cfs.nrcan.gc.ca/news/source/11/297] [Français : voir *Bulletin-é (...) Printemps 2008.*]

Great Lakes Forestry Centre. Emerald ash borer. 2008. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Identification Information. 12 p. [Français : voir *Centre de foresterie (...) Agrile du frêne.*] ③

Great Lakes Forestry Centre. Have you seen the Asian longhorned beetle? 2008. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Identification Information. 12 p. [Français : voir *Centre de foresterie (...) Avez-vous vu...*] ③

Info-Forêts. Décembre 2007. Keiran, M. RNCan, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). 16 p. ⑤

Info-Forêts. Avril 2008. Keiran, M. RNCan, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). 12 p. [English: see *Information Forestry...* April 2008.] ⑤

Information Forestry Newsletter. April 2008. Keiran, M., ed. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 12 p. [Français : voir *Info-Forêts.* Avril 2008.] ⑤

Climate Change and Atmospheric Influences

Cadre d'évaluation de la vulnérabilité des communautés forestières au changement climatique. [En ligne seulement]. 2007. Williamson, T.B.; Price, D.T.; Beverly, J.; Bothwell, P.M.;

Information Forestry Newsletter. August 2008. Keiran, M., ed. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 12 p. ⑤

Information Forestry Newsletter. December 2008. Keiran, M., ed. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 8 p. ⑤

Programme des collectivités forestières. Aider les collectivités à relever les défis inhérents à un secteur forestier en constante évolution. Dépliant du programme. 2008. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 5 p. [English: see *Forest Communities...*] ⑥

Programme forestier des Premières nations. Rapport à l'intention du Conseil national 2006–2007. 2008. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 26 p. [English: see *First Nations (...) Report to the...*] ⑥

Programme forestier des Premières nations. Rapport annuel 2005–2006. 2008. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 48 p. [English: see *First Nations ... Annual report...*] ⑥

The State of Canada's Forests. Annual report 2008. 2008. NRCan, CFS, HQ, Planning, Operations and Information Branch, Ottawa. 40 p. [Français : voir *L'État des forêts...*] ⑥

A vision for Canada's forests: 2008 and beyond. 2008. Canadian Council of Forest Ministers, Ottawa. 15 p. [Français : voir *Une vision...*] ⑥

Une vision pour les forêts du Canada : 2008 et au-delà. 2008. Conseil canadien des ministres des forêts, Ottawa. 15 p. [English: see *A vision...*] ⑥

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Abou-Zaid, M.M.; Nozzolillo, C.; Arnason, T.; Arnason, C. 2008. John Thor Arnason, Phytochemistry, Medicinal Plant and Ethnopharmacology Laboratory, University of Ottawa (editorial). *Pharm. Biol.* 46:1–2. ③

Wulder, M.A.; Ortlepp, S.M.; White, J.C.; Coops, N.C. 2008. Impact of sun-surface-sensor geometry upon multitemporal high spatial resolution satellite imagery. *Can. J. Remote Sens.* 34(5):455–461. ⑤

Changements climatiques et influences atmosphériques

Parkins, J.R.; Patriquin, M.N.; Pearce, C.; Stedman, R.C.; Volney, W.J.A. RNCan, SCF, Centre de foresterie du Nord, Edmonton (Alberta). Rapport d'information NOR-X-414F. 57 p.

Changement climatique : combien de carbone dans les arbres?

Ung, C.-H. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts, Centre de foresterie des Laurentides n° 42. 1 p. [English: see *Climate change: how much carbon...*] ②

Changement climatique : comprendre l'itinéraire du carbone forestier.

2007. Bernier, P.Y. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts, Centre de foresterie des Laurentides n° 39. 2 p. [English: see *Climate change: understanding...*] ②

Changement climatique et feux de forêt : ça chauffe!

2008. Girardin, M. RNCAN, SCF, Centre foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts, Centre de foresterie des Laurentides n° 41. 1 p. [English: see *Climate change and forest fires...*] ②

Clearing the air on forest productivity.

2008. Percy, K.E.; Rittmaster, R. NRCAN, CFS, Atlantic Forestry Centre, Fredericton, N.B. Impact Note 47E. 2 p. [Français : voir *Un vent nouveau souffle...*] ①

Climate change and forest fires: the temperature's rising!

2008. Girardin, M. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 41. 1 p. [Français : voir *Changement climatique et feux...*] ②

Climate change: how much carbon is stored in trees?

2008. Ung, C.-H. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 42. 1 p. [Français : voir *Changement climatique : combien de carbone ...*] ②

Climate change: understanding forest carbon cycling.

2007. Bernier, P.Y. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 39. 2 p. [Français : voir *Changement climatique...*] ②

A framework for assessing vulnerability of forest-based communities to climate change.

[Online only]. 2007. Williamson, T.B.; Price, D.T.; Beverly, J.; Bothwell, P.M.; Parkins, J.R.; Patriquin, M.N.; Pearce, C.; Stedman, R.C.; Volney, W.J.A. NRCAN, CFS, Northern Forestry Centre, Edmonton, Alta. Inf. Rep. NOR-X-414E. 50 p. [Français : voir *Cadre d'évaluation...*] ④

L'importance d'adapter le secteur des forêts au changement climatique.

2008. Lemprière, T.C.; Bernier, P.Y.; Carroll, A.L.; Flannigan, M.D.; Gilsenan, R.P.; McKenney, D.W.; Hogg, E.H.; Pedlar, J.H.; Blain, D. RNCAN, SCF, Centre de foresterie du Nord, Edmonton (Alberta). Rapport d'information NOR-X-416F. 62 p. [English: see *The importance of forest...*] ④

The importance of forest sector adaptation to climate change.

2008. Lemprière, T.; Bernier, P.Y.; Carroll, A.L.; Flannigan, M.D.; Gilsenan, R.P.; McKenney, D.W.; Hogg, E.H.; Pedlar, J.H.; Blain, D. NRCAN, CFS, Northern Forestry Centre, Edmonton, Alta.

Inf. Rep. NOR-X-416E. 57 p. [Français : voir *L'importance d'adapter...*] ④

Le modèle du bilan du carbone du secteur forestier canadien à l'échelle des opérations (MBC-SFC3).

Éd. rév. 2008. Kull, S. RNCAN, SCF, Centre de foresterie du Nord, Edmonton (Alberta). Dépliant. [English: see *The operational-scale...*] ④

The operational-scale carbon budget model of the Canadian forest sector (CBM-CFS3).

Rev. éd. 2008. Kull, S. NRCAN, CFS, Northern Forestry Centre, Edmonton, Alta. Pamphlet. [Français : voir *Le modèle du bilan...*] ④

Operational-scale carbon budget model of the Canadian forest sector (CBM-CFS3) version 1.0: user's guide.

Rev. éd. 2007. Kull, S.; Kurz, W.A.; Rampley, G.; Banfield, G.E.; Schivatcheva, R.K.; Apps, M.J. NRCAN, CFS, Northern Forestry Centre, Edmonton, Alta. 347 p. ④

Un vent nouveau souffle sur la productivité des forêts.

2008. Percy, K.E.; Rittmaster, R. RNCAN, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). Note d'impact 47F. 2 p. [English: see *Clearing the air...*] ①

Journal Articles and Other Contributions /**Articles de revues scientifiques et autres collaborations**

Ainsworth, E.A.; Beier, C.; Calfapietra, C.; Ceulemans, R.; Durand-Tardif, M.; Farquhar, G.D.; Godbold, D.L.; Hendrey, G.R.; Hickler, T.; Kaduk, J.; Karnosky, D.F.; Kimball, B.A.; Korner, C.; Koornneef, M.; Lafarge, T.; Leakey, A.D.B.; Lewin, K.F.; Long, S.P.; Manderscheid, R.; McNeil, D.L.; Mies, T.A.; Miglietta, F.; Morgan, J.A.; Nagy, J.; Norby, R.J.; Norton, R.M.; Percy, K.E.; Rogers, A.; Soussana, J.-F.; Stitt, M.; Weigel, H.-J.; White, J.W. 2008. Next generation of elevated [CO₂] experiments with crops: a critical investment for feeding the future world. *Plant Cell Environ.* 31:1317–1324. ①

Beilman, D.W.; Vitt, D.H.; Bhatti, J.S.; Forest, S. 2008. Peat carbon stocks in the southern Mackenzie River Basin: uncertainties revealed in a high-resolution case study. *Global Change Biol.* 14:1221–1232. ④

Bernier, P.; Hanson, P.J.; Curtis, P. 2008. Measuring litterfall and branchfall. Chapter 7 in C.M. Hoover, ed. *Field measurements for forest carbon monitoring A landscape-scale approach.* Springer, New York, N.Y. 242 p. ②

Bernier, P.Y.; Leduc, A.; Raulier, F. 2007. Repenser le rendement soutenu dans la foresterie québécoise. *L'Aubelle*, automne 2007. pp. 11–12. ②

Carvalho, A.; Flannigan, M.D.; Logan, K.; Miranda, A.I.; Borrego, C. 2008. Fire activity in Portugal and its relationship to weather and the Canadian Fire Weather Index System. *Int. J. Wildland Fire* 17:328–338. ③

Chakraborty, S.; Luck, J.; Hollaway, G.; Freeman, A.; Norton, R.; Garrett, K.A.; Percy, K.E.; Hopkins, A.; Davis, C.; Karnosky, D.F. 2008. Impacts of global change on diseases of agricultural crops and forest trees. *CAB Rev.: Perspect. Agric. Vet. Sci. Nutr. Nat. Resour.* 3 (054):1–15. ①

Chhin, S.; Hogg, E.H.; Lieffers, V.J.; Huang, S. 2008. Influences of climate on the radial growth of lodgepole pine in Alberta. *Botany (formerly Can. J. Bot.)* 86(2):167–178. ④

Chhin, S.; Hogg, E.H.; Lieffers, V.J.; Huang, S. 2008. Potential effects of climate change on the growth of lodgepole pine across diameter size classes and ecological regions. *For. Ecol. Manag.* (In Press) ④

Drever, C.R.; Drever, M.C.; Messier, C.; Bergeron, Y.; Flannigan, M. 2008. Fire and the relative roles of weather, climate and landscape characteristics in the Great Lakes-St. Lawrence forest of Canada. *J. Veg. Sci.* 19:57–66. ③

Flannigan, M.; Stocks, B.; Turetsky, M.; Wotton, M. 2008. Impacts of climate change on fire activity and fire management in the circumboreal forest. *Global Change Biol.* 14:1–12; doi: 10.1111/j.1365-2486.2008.01660.x. ③

Flannigan, M.D.; Kochtubajda, B.; Logan, K.A. 2008. Forest fires and climate change in the Northwest Territories. Pages 403–417 in M. Woo, ed. *Cold region atmospheric and hydrologic studies. The Mackenzie GEWEX experience. Vol. 1: Atmospheric dynamics.* Springer-Verlag, Berlin, Heidelberg. ③

Girardin, M.P.; Raulier, F.; Bernier, P.Y.; Tardif, J.C. 2008. Response of tree growth to a changing climate in boreal central Canada: A comparison of empirical, process-based, and hybrid modelling approaches. *Ecol. Model.* 213:209–228. ②

Hogg, E.H.; Brandt, J.P.; Michaelian, M. 2008. Impacts of a regional drought on the productivity, dieback, and biomass of western Canadian aspen forests. *Can. J. For. Res.* 38(6):1373–1384. ④

Jassal, R.S.; Black, T.A.; Chen, B.; Roy, R.; Nesic, Z.; Spittlehouse, D.L.; Trofymow, J.A. 2008. N₂O emissions and carbon sequestration in a nitrogen-fertilized Douglas fir stand. *J. Geophys. Res.* 113, G04013. 10 p. ⑤

Kochtubajda, B.; Flannigan, M.D.; Gyakum, J.R.; Stewart, R.E.; Burrows, W.R.; Way, A.M.; Richardson, E.; Stirling, I. 2008. The nature and impacts of thunderstorms in a northern climate. Pages 383–402 in M. Woo, ed. *Cold region atmospheric and hydrologic studies. The Mackenzie GEWEX experience. Vol. 1: Atmospheric dynamics.* Springer-Verlag, Berlin, Heidelberg. ③

Krawchuk, M.A.; Cumming, S.G.; Flannigan, M.D. 2008. Predicted changes in fire weather suggest increases in lightning fire initiation and future area burned in the mixedwood boreal

forest. *Clim. Change*; doi:10.1007/s10584-008-9460-7. (In Press) ③

Kurz, W.A.; Dymond, C.C.; Stinson, G.; Rampley, G.; Neilson, E.T.; Carroll, A.L.; Ebata, T.; Safranyik, L. 2008. Mountain pine beetle and forest carbon feedback to climate change. *Nature* 452:987–990. ⑤

Kurz, W.A.; Dymond, C.C.; White, T.; Stinson, G.; Shaw, C.H.; Rampley, G.; Smyth, C.; Simpson, B.N.; Neilson, E.T.; Trofymow, J.A.; Metsaranta, J.; Apps, M.J. 2008. CBM-CFS3: a model of carbon-dynamics in forestry and land-use change implementing IPCC standards. *Ecol. Model.* (In Press) ⑤

Kurz, W.A.; Stinson, G.; Rampley, G.; Dymond, C.C.; Neilson, E.T. 2008. Risk of natural disturbances makes future contribution of Canada's forests to the global carbon cycle highly uncertain. *Proc. Natl. Acad. Sci. USA* 105(5):1551–1555. ⑤

Larocque, G.R.; Bhatti, J.S.; Boutin, R.; Chertov, O. 2008. Uncertainty analysis in carbon cycle models of forest ecosystems: research needs and development of a theoretical framework to estimate error propagation. *Ecol. Model.* 219(3–4):400–412. ④

Le Goff, H.; Flannigan, M.D.; Bergeron, Y.; Leduc, A.; Gauthier, S.; Logan, K. 2008. Des solutions d'aménagement pour faire face aux changements climatiques : l'exemple des feux de forêt. Pages 109–136 dans *Aménagement écosystémique en forêt boréale*, publié sous la dir. de S. Gauthier, M.-A. Vaillancourt, A. Leduc, L. De Grandpré, D. Kneeshaw, H. Morin, P. Drapeau et Y. Bergeron. Les Presses de l'Université du Québec, Québec (Québec) 600 p. ③

Li, C.; Liu, S.; Zhang, Y.; Liu, J.; Chuanwen, L. 2008. Forest management and carbon sink dynamics: a study in boreal and sub-alpine forest regions. Chapter 16, pages 323–341 in R. Laforzezza, J. Chen, G. Sanesi, and T.R. Crow, eds. *Patterns and processes in forest landscapes: multiple use and sustainable management.* Springer, New York, N.Y. 426 p. ④

Morissette, J.; Gauthier, S. 2008. Study of cloud-to-ground lightning in Quebec: 1996–2005. *Atmos. Ocean* 46:443–454. ②

Raffa, K.F.; Aukema, B.H.; Bentz, B.; Carroll, A.L.; Hicke, J.A.; Turner, M.G.; Romme, W.H. 2008. Cross-scale drivers of natural disturbances prone to anthropogenic amplification: the dynamics of bark beetle eruptions. *Bioscience* 58(6):501–517. ⑤

Shaw, C.H.; Banfield, G.E.; Kurz, W.A. 2008. Stratifying soils into pedogenically similar categories for modeling forest soil carbon. *Can. J. Soil Sci.* 88(4):501–516. ④

Shaw, C.H.; Boyle, J.R.; Omule, A.Y. 2008. Estimating forest soil carbon and nitrogen stocks with double sampling for stratification. *Soil Sci. Soc. Am. J.* 72(6):1611–1620. ④

Taylor, A.R.; Wang, J.R.; Kurz, W.A. 2008. Effects of harvesting intensity on carbon stocks in eastern Canadian red spruce (*Picea rubens*) forests: an exploratory analysis using the CBM-CFS3 simulation model. *For. Ecol. Manag.* 255(10):3632–3641. ⑤

Taylor, G.; Tallis, M.J.; Giardina, C.P.; Percy, K.E.; Miglietta, F.; Gupta, P.S.; Gioli, B.; Calfapietra, C.; Gielen, B.; Kubiske, M.E.; Scarasci-Mugnozza, G.E.; Kets, K.; Long, S.P.; Karnosky, D.F. 2008. Future atmospheric CO₂ leads to delayed autumnal senescence. *Global Change Biol.* 14:264–275. ①

Wall, D.H.; Bradford, M.A.; St. John, M.G.; Trofymow, J.A.; Behan-Pelletier, V.M.; Bignell, D.E.; Dangerfield, J.M.; Parton, W.J.; Rusek, J.; Voigt, W.; Wolters, V.; Gardel, H.Z.; Ayuke, F.O.; Bashford, R.; Beljakova, O.I.; Bohlen, P.J.; Brauman, A.; Flemming, S.; Henschel, J.R.; Johnson, D.L.; Jones, T.H.; Kovarova, M.; Kranabetter, J.M.; Kutny, L.; Lin, K.-C.; Maryati, M.; Masse, D.; Pokarzhevsk, A.; Rahman, H.; Sabara, M.G.; Salamon, J.-A.; Swift, M.J.; Varela, A.; Vasconcelos, H.L.; White, D.; Zou, X.

2008. Global decomposition experiment shows soil animal impacts on decomposition are climate-dependent. *Global Change Biol.* 14(11):2661–2677. ⑤

White, T.; Luckai, N.; Larocque, G.R.; Kurz, W.A.; Smyth, C. 2008. A practical approach for assessing the sensitivity of the Carbon Budget Model of the Canadian Forest Sector (CBM-CFS3). *Ecol. Model.* 219:373–382. ⑤

Zamolodchikov, D.G.; Grabovsky, V.I.; Korovin, G.N.; Kurz, W.A. 2008. Assessment and projection of carbon budget in forests of Vologda Region using the Canadian model CBM-CFS (in Russian, summary in English). *Lesovedenie* 6:3–14. ⑤

Zhang, K.; Kimball, J.S.; Hogg, E.H.; Zhao, M.; Oechel, W.C.; Cassano, J.J.; Running, S.W. 2008. Satellite-based model detection of recent climate-driven changes in northern high-latitude vegetation productivity. *J. Geophys. Res.* 113; doi 10.1029/2007JG000621. (In Press) ④

Forest Diseases

Maladies forestières

Actes du Colloque sur la lutte biologique et intégrée « Protéger la forêt... naturellement! » tenu à Saint-Georges, Beauce (Québec) du 19 au 21 mars 2007. [En ligne seulement]. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). [scf.rncan.gc.ca/soussite/luttebiol/] [English: see *Proceedings of...*]

Fitness and pathogenicity of the fungi associated with the mountain pine beetle and other secondary beetles in green attack. 2008. Breuil, C. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-04. 19 p. ⑤

Proceedings of the Seminar on biological and integrated control in forestry “Protecting the forest...naturally!”; 19–21 March 2007, Saint-Georges, Beauce, Que. [Online only]. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. [cfs.rncan.gc.ca/subsite/biolcontrol/home] [Français : voir *Actes du Colloque...*]

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Bergeron, M.-J.; Hamelin, R.C.; Leal, I.; Davis, C.; de Groot, P. 2008. First report of *Amylostereum areolatum*, the fungal symbiont of *Sirex noctilio*, on *Pinus* spp. in Canada. *Plant Dis.* 92(7):1138. ③ ②

Bernhold, A.; Hansson, P.; Rioux, D.; Simard, M.; Laflamme, G. 2008. Resistance of *Pinus contorta* and *P. sylvestris* to *Gremmeniella abietina* (European race) in Sweden. *Phytopathology* 98:S22. ②

Chakraborty, S.; Luck, J.; Hollaway, G.; Freeman, A.; Norton, R.; Garrett, K.A.; Percy, K.E.; Hopkin, A.; Davis, C.; Karnosky,

D.F. 2008. Impacts of global change on diseases of agricultural crops and forest trees. *CAB Rev.: Perspect. Agric. Vet. Sci. Nat. Resour.* 3:1–15. ③

Elliott, M.; Shamoun, S.F. 2008. In vitro testing of biological control agents on A1 and A2 isolates of *Phytophthora ramorum*. Pages 351–354 in S.J. Frankel, J.T. Kliejunas, and K.M. Palmieri, technical coordinators. Proceedings of the sudden oak death third science symposium. Gen. Tech. Rep. PSW-GTR-214, 5–9 March, 2008, Santa Rosa, Calif. U.S. Forest Service, Pacific Southwest Research Station, Albany, Calif. ⑤

Elliott, M.; Shamoun, S.F.; Sumampong, G.; James, D.; Brière, S.C.; Masri, S.; Varga, A. 2008. Identification of control agents and factors affecting pathogenicity of *Phytophthora ramorum*. Pages 347–350 in S.J. Frankel, J.T. Kliejunas, and K.M. Palmieri, technical coordinators. Proceedings of the sudden oak death third science symposium. Gen. Tech. Rep. PSW-GTR-214, 5–9 March, 2008, Santa Rosa, Calif. U.S. Forest Service, Pacific Southwest Research Station, Albany, Calif. ⑤

Islam, M.A.; Sturrock, R.N.; Ekramoddoullah, A.K.M. 2008. A proteomics approach to identify proteins differentially expressed in Douglas-fir seedlings infected by *Phellinus sulphurascens*. *J. Proteom.* 71(4):425–438. ⑤

Linzer, R.E.; Otrosina, W.J.; Gonthier, P.; Bruhn, J.; Laflamme, G.; Bussièrès, G.; Garbelotto, M. 2008. Inferences on the phylogeography of the fungal pathogen *Heterobasidion annosum*, including evidence of interspecific horizontal genetic transfer and of human-mediated, long-range dispersal. *Mol. Phylogenet. Evol.* 46:844–862. ②

Ouellette, G.B.; Charest, P.-M.; Chamberland, H. 2008. Close-up on some aspects of fungal wilt diseases. *Phytoprotection* 88:77–81. [Français : voir *Ouellette (...)* *Focus sur certains...*] ②

Ouellette, G.B.; Charest, P.-M.; Chamberland, H. 2008. Focus sur certains aspects des flétrissements causés par les champignons. *Phytoprotection* 88:77–81. [English: see *Ouellette... Close-up on...*] ②

Rice, A.V.; Langor, D.W. 2008. A comparison of heat pulse velocity and lesion lengths for assessing the relative virulence of

mountain pine beetle-associated fungi on jack pine. *For. Pathol.* 38(4):257–262. ④

Rice, A.V.; Thormann, M.N.; Langor, D.W. 2008. Mountain pine beetle-associated blue-stain fungi are differentially adapted to boreal temperatures. *For. Pathol.* 38(2):113–123. ④

Sumampong, G.; Shamoun, S.F.; Punja, Z.K. 2008. Occurrence of *Phoma argillacea* on *Rubus spectabilis* in British Columbia and an evaluation of its potential as a forest weed biological control agent. *Can. J. Plant Pathol.* 30:74–84. ⑤

Forest Ecology and Site Classification

Adding value to heterogeneous hardwood stands through a multi-treatment approach. 2008. Lussier, J.-M.; Meek, P. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 44. 2 p. [Français : voir *Pour redonner leur valeur...*] ②

Environmental Science Advisory Committee: 2006 Annual Report. 2008. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Copublished by the Department of National Defence. ⑤

Pour redonner leur valeur aux peuplements feuillus irréguliers : miser sur l'approche multitraitement. 2008. Lussier, J.-M.; Meek, P. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts, Centre de foresterie des Laurentides. N° 44. 2 p. [English: see *Adding value to heterogeneous...*] ②

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Aakala, T.; Kuuluvainen, T.; Gauthier, S.; De Grandpré, L. 2008. Standing dead trees and their decay-class dynamics in the north-eastern boreal old-growth forests of Québec. *For. Ecol. Manag.* 255:410–420. ②

Andruskiw, M.; Fryxell, J.M.; Thompson, I.D.; Baker, J.A. 2008. Habitat-mediated variation in predation risk by the American marten. *Ecology* 89:2273–2280. ③

Beilman, D.W.; Vitt, D.H.; Bhatti, J.S.; Forest, S. 2008. Peat carbon stocks in the southern Mackenzie River Basin: uncertainties revealed in a high-resolution case study. *Global Chang. Biol.* 14:1221–1232. ④

Benoit, P.; Madrigal, I.; Preston, C.M.; Chenu, C.; Barriuso, E. 2008. Sorption and desorption of non-ionic herbicides onto particulate organic matter from surface soils under different land uses. *Eur. J. Soil Sci.* 59(2):178–189. ⑤

Écologie forestière et classification des sites

Burton, P.J.; Parisien, M.-A.; Hicke, J.A.; Hall, R.J.; Freeburn, J.T. 2008. Large fires as agents of ecological diversity in the North American boreal forest. *Int. J. Wildland Fire* 17(6):754–767. ④

Cole, H.A.; Newmaster, S.G.; Bell, F.W.; Pitt, D.; Stinson, A. 2008. Influence of microhabitat on bryophyte diversity in Ontario mixedwood boreal forest. *Can. J. For. Res.* 38:1867–1876. ③

Falk, K.J.; Burke, D.M.; Elliott, K.A.; Holmes, S.B. 2008. Effects of single-tree and group selection harvesting on the diversity and abundance of spring forest herbs in deciduous forests in southwestern Ontario. *For. Ecol. Manag.* 255:2486–2494. ③

Hazlett, P.W.; Broad, K.; Gordon, A.M.; Sibley, P.K.; Buttle, J.M.; Larmer, D. 2008. The importance of catchment slope to soil water N and C concentrations in riparian zones: implications for riparian buffer width. *Can. J. For. Res.* 38:16–30. ③

Howlett, M.; Rayner, J.; Wellstead, A.M. 2008. National forest planning and sustainability concerns: the international influence. Chapter 4, pages 71–93 in C. Gore and P. Stoett, eds. *Environmental challenges and opportunities: local–global perspectives on Canadian issues*. Emond Montgomery Publications Ltd., Toronto, Ont. 300 p. ④

Joanisse, G.D.; Bradley, R.L.; Preston, C.M. 2008. Do late-successional tannin-rich plant communities occurring on highly acidic soils increase the DON/DIN ratio? *Biol. Fertil. Soils* 44:903–907. ⑤

Joss, B.N.; Hall, R.J.; Sidders, D.M.; Keddy, T.J. 2008. Fuzzy-logic modeling of land suitability for hybrid poplar across the Prairie Provinces of Canada. *Environ. Monit. Assess.* 141(1–3):79–96. ④

Larocque, G.R.; Bhatti, J.S.; Boutin, R.; Chertov, O. 2008. Uncertainty analysis in carbon cycle models of forest ecosystems: research needs and development of a theoretical framework to estimate error propagation. *Ecol. Model.* 219(3–4):400–412. ④

Larocque, G.R.; Bhatti, J.S.; Gordon, A.M.; Luckai, N.; Wattenbach, M.; Liu, J.; Peng, C.; Arp, P.A.; Liu, S.; Zhang, C.-F.; Komarov, A.; Grabarnik, P.; Sun, J.; White, T. 2008. Uncertainty and sensitivity issues in process-based models of carbon and nitrogen cycles in terrestrial ecosystems. Vol. 3, chapter 18, pages 307–327 in A.J. Jakeman, A. Voinov, A.E. Rizzoli, and S.H. Chen, eds. *Environmental modelling, software and decision support: state of the art and new perspective*. Elsevier, Amsterdam, The Netherlands. 384 p. ④

Manzoni, S.; Jackson, R.B.; Trofymow, J.A.; Porporato, A. 2008. The global stoichiometry of litter nitrogen mineralization. *Science* 321:684–686. ⑤

Moore, T.R.; Trofymow, J.A.; Siltanen, R.M.; Kozak, L.M. 2008. Litter decomposition and nitrogen and phosphorus dynamics in peatlands and uplands over 12 years in central Canada. *Oecologia* 157(2):317–325. ④

Shaw, C.H.; Banfield, G.E.; Kurz, W.A. 2008. Stratifying soils into pedogenically similar categories for modeling forest soil carbon. *Can. J. Soil Sci.* 88(4):501–516. ④

Shaw, C.H.; Boyle, J.R.; Omule, A.Y. 2008. Estimating forest soil carbon and nitrogen stocks with double sampling for stratification. *Soil Sci. Soc. Am. J.* 72(6):1611–1620. ④

Smith, N.R.; Kishchuk, B.E.; Mohn, W.W. 2008. Effects of wildfire and harvest disturbances on forest soil bacterial communities. *Appl. Environ. Microbiol.* 74(1):216–224. ④

Spence, J.R.; Langor, D.W.; Jacobs, J.; Work, T.T.; Volney, W.J.A. 2008. Conservation of forest-dwelling arthropod species: simultaneous management of many small and heterogeneous risks. *Can. Entomol.* 140(4):510–525. ④

Ste-Marie, C.; Paré, D.; Gagnon, D. 2007. The contrasting effects of aspen and jack pine on soil nutritional properties depend on parent material. *Ecosystems* 10:1299–1310. ②

Thompson, I.D.; Baker, J.A.; Jastrebski, C.; Dacosta, J.; Corbett, D. 2008. Effects of post-harvest silviculture on use of boreal forest stands by amphibians and marten in Ontario. *For. Chron.* 84:741–747. ③

Trofymow, J.A.; Stinson, G.; Kurz, W.A. 2008. Derivation of a spatially explicit 86-year retrospective carbon budget for a landscape undergoing conversion from old-growth to managed forests on Vancouver Island, BC. *For. Ecol. Manag.* 256(10):1677–1691. ⑤

Vaillancourt, M.-A.; Drapeau, P.; Gauthier, S.; Robert, M. 2008. Availability of standing trees for large cavity-nesting birds in the eastern boreal forest of Québec, Canada. *For. Ecol. Manag.* 255:2272–2285. ②

Wieder, R.K.; Scott, K.; Kamminga, K.; Vile, M.A.; Vitt, D.H.; Bone, T.; Xu, B.; Benscoter, B.W.; Bhatti, J.S. 2008. Postfire carbon balance in boreal bogs of Alberta, Canada. *Global Change Biol.* (In Press) ④

Winder, R.S.; Keefer, M.E. 2008. Ecology of the 2004 morel harvest in the Rocky Mountain Forest District of British Columbia. *Botany* 86(10):1152–1167. ⑤

Work, T.T.; Kolvula, M.; Klimaszewski, J.; Langor, D.W.; Spence, J.R.; Sweeney, J.D.; Hébert, C. 2008. Evaluation of carabid beetles as indicators of forest change in Canada. *Can. Entomol.* 140(4):393–414. ④

Forest Fires

Effect of commercial thinning on within-stand microclimate and fine fuel moisture conditions in a mature lodgepole pine stand in southeastern British Columbia. 2008. Whitehead, R.J.; Russo, G.; Hawkes, B.C.; Taylor, S.W.; Brown, B.N.; Armitage, O.B.; Barclay, H.J.; Benton, R.A. NRCan, CFS, Canadian Wood Fibre Centre, Victoria, B.C. Inf. Rep. FI-X-004. ⑤

Fire weather and fire danger climatology of the Fort Providence area, Northwest Territories. [Online only]. 2007. Lavoie, N.; Alexander, M.E.; Macdonald, S.E. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. Inf. Rep. NOR-X-412. 61 p.

Weather guide for the Canadian Forest Fire Danger Rating System. [Online only]. 2008. Lawson, B.D.; Armitage, O.B. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. 84 p.

Incendies de forêt

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Anderson, K.R.; Englefield, P.; Carr, R.J. 2007. Predicting fire-weather severity using seasonal forecasts. Pages 10.6.1–10.6.5 in *Proceedings, 7th Symposium on Fire and Forest Meteorology, 23–25 Oct. 2007, Bar Harbor, Maine*. American Meteorological Society, Boston, Mass. ④

Anderson, K.R.; Englefield, P.; Little, J.M. 2007. Operational forest fire-growth predictions for Canada. Pages 2.4.1–2.4.7 in *Proceedings, 7th Symposium on Fire and Forest Meteorology, 23–25 Oct. 2007, Bar Harbor, Maine*. American Meteorological Society, Boston, Mass. ④

Bouchard, M.; Pothier, D.; Gauthier, S. 2008. Fire return intervals and tree species succession in the North Shore region of eastern Quebec. *Can. J. For. Res.* 38:1621–1633. ②

Burton, P.J.; Parisien, M.-A.; Hicke, J.A.; Hall, R.J.; Freeburn, J.T. 2008. Large fires as agents of ecological diversity in the North American boreal forest. *Int. J. Wildland Fire* 17(6): 754–767. ④

Burton, P.J.; Taylor, S.W.; Thandi, G. 2005. Challenges in defining the disturbance regimes of northern British Columbia. *B.C. J. Ecosyst. Manag.* 6(2):119–123. ⑤

Cruz, M.G.; Alexander, M.E.; Fernandes, P.A.M. 2008. Development of a model system to predict wildfire behaviour in pine plantations. *Aust. For.* 71(2):113–121. ④

French, N.H.F.; Kasischke, E.S.; Hall, R.J.; Murphy, K.A.; Verbyla, D.L.; Hoy, E.E.; Allen, J.L. 2008. Using Landsat data to assess fire and burn severity in the North American boreal forest region: an overview and summary of results. *Int. J. Wildland Fire* 17(4):443–462. ④

Girardin, M.P.; Mudelsee, M. 2008. Past and future changes in Canadian boreal wildfire activity. *Ecol. Appl.* 18(2):391–406. ②

Girardin, M.P.; Sauchyn, D. 2008. Three centuries of annual area burned variability in northwestern North America inferred from tree rings. *The Holocene* 18:205–214. ②

Hall, R.J.; Freeburn, J.T.; de Groot, W.J.; Pritchard, J.; Lynham, T.J.; Landry, R. 2008. Remote sensing of burn severity: experience from western Canada boreal fires. *Int. J. Wildland Fire* 17(4):476–489. ④ ③

Lavoué, D.; Gong, S.; Stocks, B.J. 2007. Modelling emissions from Canadian wildfires: a case study of the 2002 Quebec fires. *Int. J. Wildland Fire* 16:649–663. ③

LeGoff, H.; Girardin, M.P.; Flannigan, M.D.; Bergeron, Y. 2008. Dendroclimatic inference of wildfire activity in Quebec over the 20th century and implications for natural disturbance-based forest management at the northern limit of the commercial forest. *Int. J. Wildland Fire* 17:348–362. ③ ②

Li, C.; Hans, H.; Barclay, H.J.; Liu, J.; Carlson, G.; Campbell, D. 2008. Comparison of spatially explicit forest landscape fire disturbance models. *For. Ecol. Manag.* 254(3):499–510. ④

Magnussen, S. 2008. Joint regional simulation of annual area burned in Canadian forest fires. *Open For. Sci. J.* 1:37–53. ⑤

Mudelsee, M.; Girardin, M.P. 2008. Risk prediction of Canadian wildfires. *PAGES News* 16(2):28–30. ②

Parisien, M.-A.; Junor, D.R.; Kafka, V. 2007. Comparing landscape-based decision rules for placement of fuel treatments in the boreal mixedwood of western Canada. *Int. J. Wildland Fire* 16(6):664–672. ④

Smith, N.R.; Kishchuk, B.E.; Mohn, W.W. 2008. Effects of wildfire and harvest disturbances on forest soil bacterial communities. *Appl. Environ. Microbiol.* 74(1):216–224. ④

Forest Insects

Assessing the influence of time-since-death: pilot scale kraft and thermomechanical pulping of beetle-killed lodgepole pine. 2008. Dalpke, B.; Hussein, A.; Johal, S.; Yuen, B.; Ortiz, D.A.; Watson, P.A. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-26. 77 p. ⑤

Biodiversity, biosystematics, and ecology of Canadian Coleoptera, ZooKeys 2 (Special Issue). 2008. Majka, C.G.; Klimaszewski, J., eds. Pensoft Publishers, Sofia and Moscow. 406 p. ISBN 978-954-642-451-8. 84 Euros.

Chemical, mechanical, and durability properties of mountain pine beetle infested timber. 2008. Kadla, J.F.; Lam, F.; Zaturecky, I. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Program Work. Pap. 2008-02. 16 p. ⑤

Controlling the balsam fir sawfly. 2008. Lucarotti, C.J. NRCAN, CFS, Atlantic Forestry Centre, Fredericton, N.B. Impact Note 46E. 2 p. [Français : voir *La lutte contre le diprion...*] ①

Insectes forestiers

Decay fungi and associated rates of decay in standing trees killed by mountain pine beetle. 2008. Breuil, C. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-11. 19 p. ⑤

Decision support framework for assessing alternative mountain pine beetle management strategies on sustainable forest management. 2008. Chan-McLeod, A.; Vernier, Pierre; Mitchell, S.J. NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-18. 20 p. ⑤

Dépistage précoce des espèces exotiques envahissantes. 2008. Sweeney, J.; Silk, P. NRCAN, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). Note d'impact 46F. 2 p. [English: see *Early detection of...*] ①

Early detection of invasive alien pests. 2008. Sweeney, J.; Silk, P. NRCAN, CFS, Atlantic Forestry Centre, Fredericton, N.B. Impact Note 48E. 2 p. [Français : voir *Dépistage précoce...*] ①

Effects of overstory mortality on snow accumulation and ablation. 2008. Teti, P. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-13. 34 p. ⑤

An examination of the threats and risks to forests arising from invasive alien species. 2008. Krčmar, E. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-415. 42 p. ⑤

Exploring opportunities for mitigating the ecological impacts of current and future mountain pine beetle outbreaks through improved planning: a focus on northeastern British Columbia. 2008. Seely, B.; Nelson, J.; Vernier, P.; Wells, R.; Moy, A. NRCan, CFS, Pacific Forestry Centre, Victoria B.C. Mountain Pine Beetle Work. Pap. 2008-08. 56 p. ⑤

Exploring the spatial-temporal interaction of mountain pine beetle infestations. 2008. Robertson, C.; Nelson, T.A.; Boots, B. NRCan, CFS, Pacific Forestry Centre, Victoria B.C. Mountain Pine Beetle Work. Pap. 2007-09. 39 p. ⑤

Federal Mountain Pine Beetle Program First Nations Element Guidelines and Funding Application Form April 2007. 2007. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 41 p. ⑤

Federal Mountain Pine Beetle Program Private Forestlands Element Guidelines and Funding Application Form April 2007. 2007. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 30 p. ⑤

Forecasting MPB overwintering mortality in a variable environment. Progress Report 2006/2007. [Online only]. 2007. Cooke, B.J. NRCan, CFS, Canadian Wood Fibre Centre, Edmonton, Alta. MPBI Project No. 7.06. 8 p.

Incorporating present and future climatic suitability into decision support tools to predict geographic spread of the mountain pine beetle. 2008. Shore, T.L.; Riel, W.G.; Fall, A. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-10. 22 p. ⑤

Kraft pulp and paper mill utilization options for grey-stage wood. 2008. Radiotis, T.; Berry, R.; Hartley, I.; Todoruk, T. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-09. 73 p. ⑤

La lutte contre le diprion du sapin baumier. 2008. Lucarotti, C.J. RNCAN, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). Note d'impact 46F. 2 p. [English: see *Controlling the balsam fir sawfly.*] ①

Minimizing the impact of mountain pine beetle veneer on plywood glue dry-out and delamination. 2008. Xu, H.; He, G.; Dai, C. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-12. 16 p. ⑤

Modeling natural regeneration following mountain pine beetle attacks in the southern and central interior of British Columbia. 2007. LeMay, V.M.; Lee, T.; Sattler, D.; Marshall, P.; Robinson, D.; Zumrawi, A.A. NRCan, CFS, Pacific and Yukon Region, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-16. 51 p. ⑤

Mountain pine beetle impacts on channel morphology and woody debris in forested landscapes. 2008. Hassan, M.; Hogan, D.; Bird, S. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-07. 42 p. ⑤

Operational extractives management from mountain pine beetle-attacked lodgepole pine for pulp and papermaking. 2007. Allen, L.; Uloth, V. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-15. 45 p. ⑤

Un outil pour vérifier l'efficacité de la confusion sexuelle contre la tordeuse des bourgeons de l'épinette : le SCF va de l'avant! 2008. Delisle, J. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts, Centre de foresterie des Laurentides. N° 43. 2 p. [English: see *A tool for evaluating mating...*] ②

Overcoming the brightness ceiling for mechanical pulps prepared from blue-stained lodgepole pine chips. 2008. Hu, T.; Williams, T.; Yazdi, S.; Wallbacks, L.; Watson, P.A. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-05. 29 p. ⑤

Des parfums pour piéger les ravageurs forestiers. 2007. Delisle, J. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts, Centre de foresterie des Laurentides. N° 40. 2 p. [English: see *Using scents to trap...*] ②

Public perceptions of mountain pine beetle management alternatives. 2008. Meitner, M.; Berheide, D.; Nelson, J.; Sheppard, S. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-06. 66 p. ⑤

Quantifying the effect of extractives from mountain pine beetle-attacked lodgepole pine for pulp and papermaking. 2008. Bicho, P.; Woo, C.; Dalpke, B. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-01. 57 p. ⑤

Radar observation and aerial capture of mountain pine beetle, *Dendroctonus ponderosae* Hopk. (Coleoptera: Scolytidae) above the forest canopy. 2008. Jackson, P.; Straussfogel, D.; Lindgren, B.S.; Mitchell, S.; Murphy, B. NRCan, CFS, Pacific Forestry Centre, Victoria B.C. Mountain Pine Beetle Work. Pap. 2007-02. 32 p. ⑤

Risk assessment of the threat of mountain pine beetle to Canada's boreal and eastern pine resources. 2008. Nealis, V.G.; Peter, B., compilers. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-417. 38 p. ⑤

Storing beetle-killed logs under snow to reduce losses after mountain pine beetle attack. 2008. Whitehead, R.J.; Wagner, W.L.; Nader, J.A. NRCan, CFS, Canadian Wood Fibre Centre, Victoria, B.C. Inf. Rep. FI-X-003. 32 p. ⑤

A tool for evaluating mating disruption in SBW: CFS forges ahead! 2008. Delisle, J. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 43. 2 p. [Français : voir *Un outil pour vérifier l'efficacité...*] ②

Using reconstructed outbreak histories of mountain pine beetle, fire and climate to predict the risk of future outbreaks. 2008. Lewis, K.; Hrinkevich, K. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-16. 10 p. ⑤

Using scents to trap forest insect pests. 2007. Delisle, J. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 40. 2 p. [Français : voir *Des parfums pour piéger les ravageurs...*] ②

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Alfaro, R.I.; Humble, L.M.; Gonzales, P.; Villaverde, R.; Allegro, G. 2007. The threat of the ambrosia beetle *Megaplatypus mutatus* (Chapuis) (= *Platypus mutatus* Chapuis) to world poplar resources. *Forestry* 80:471–479. ⑤

Burton, P.J. 2006. Restoration of forests attacked by mountain pine beetle: Misnomer, misdirected, or must-do? *B.C. J. Ecosyst. Manag.* 7(2):1–10. ⑤

Caron, E.; Klimaszewski, J. 2008. First record of the genus *Myllaena* Erichson from Brazil, description of a new species and annotated catalog of *Myllaena* species from the Neotropical region (Coleoptera, Staphylinidae, Aleocharinae). *Rev. Bras. Entomol.* 52(3):355–361. ②

Choi, Y.J.; Gringorten, J.L.; Bélanger, L.; Morel, L.; Bourque, D.; Masson, L.; Groleau, D.; Míguez, C.B. 2008. Production of an insecticidal crystal protein from *Bacillus thuringiensis* by the methylotroph *Methylobacterium extorquens*. *Appl. Environ. Microbiol.*; doi:10.1128/AEM.00598-08. ③

Cooke, B.J.; Roland, J. 2007. Trembling aspen responses to drought and defoliation by forest tent caterpillar and reconstruction of recent outbreaks in Ontario. *Can. J. For. Res.* 37(9):1586–1598. ④

Coops, N.C.; Timko, J.A.; Wulder, M.A.; White, J.C.; Ortlepp, S.M. 2008. Investigating the effectiveness of mountain pine beetle mitigation strategies. *Int. J. Pest Manag.* 54(2):151–165. ③

de Groot, P.; Grant, G.G.; Poland, T.M.; Scharbach, R.; Buchan, L.; Nott, R.W.; MacDonald, L.; Pitt, D. 2008. Electrophysiological response and attraction of emerald ash borer to green leaf volatiles (GLVs) emitted by host foliage. *J. Chem. Ecol.* 34:1170–1179. ③

Doucet, D.; Béliveau, C.; Dowling, A.; Simard, J.; Feng, Q.; Krell, P.J.; Cusson, M. 2008. Prophenoloxidases 1 and 2 from the spruce budworm, *Choristoneura fumiferana*: Molecular cloning and assessment of transcriptional regulation by a polydnavirus. *Arch. Insect Biochem. Physiol.* 67:188–201. ③

Flint, C.G.; McFarlane, B.L.; Müller, M. 2008. Human dimensions of forest disturbance by insects: an international synthesis. *Environ. Manag.*; doi:10.1007/s00267-008-9193-4. (In Press) ④

Fry, H.R.C.; Quiring, D.T.; Ryall, K.L.; Dixon, P.L. 2008. Relationships between elm spanworm, *Ennomos subsignaria*, juvenile density and defoliation on mature sycamore maple in an urban environment. *For. Ecol. Manag.* 255:2726–2732. ③

Fry, H.R.C.; Ryall, K.L.; Dixon, P.L.; Quiring, D.T. 2008. Suppression of *Ennomos subsignaria* (Lepidoptera: Geometridae) on *Acer pseudoplatanus* (Aceraceae) in an urban forest with bole-implanted acephate. *J. Econ. Entomol.* 101:822–828. ① ③

Graham, R.I.; Morin, B.; Lapointe, R.; Nealis, V.G.; Lucarotti, C.J. 2008. Molecular characterisation of a cyovirus isolated from the western spruce budworm *Choristoneura occidentalis*. *Arch. Virol.* 153:1759–1763. ①

Graham, R.I.; Zahner, V.; Lucarotti, C.J. 2008. An intracellular symbiont and other microbiota associated with field-collected populations of sawflies (Hymenoptera: Symphyta). *Can. J. Microbiol.* 54:758–768. ①

Grant, G.G.; Coppens, M.D.; Hartling, L.; O'Shea, D.; Winter, D.; Gordon, J.; Rudderham, J.; Liu, W. 2008. Operational monitoring of the whitemarked tussock moth with Multipher traps generating the unstable pheromone component (Z,Z)-6,9-heneicosadien-11-one from a precursor. *Entomol. Exp. Appl.* 126:174–178. ③

Gray, D.R. 2008. The relationship between climate and outbreak characteristics of the spruce budworm in eastern Canada. *Clim. Change* 87:361–383. ①

Hall, R.J.; Thomas, S.J.; Van der Sanden, J.J.; Arsenault, E.; Deschamps, A.; Kurz, W.A.; Dymond, C.C.; Landry, R.; Hogg, E.H.; Michaelian, M.; Skakun, R.S. 2008. Remote sensing of forest health: current advances and challenges. Pages 73–78 in *Proceedings, Forest Pest Management Forum/Compte rendu du forum sur la répression des ravageurs forestiers*; 4–6 Dec. 2007, Ottawa, Ont. NRCan, Ottawa, Ont. (Extended abstract) ④

Jakubowska, A.; van Oers, M.M.; Otvos, I.S.; Vlask, J.M. 2007. Phylogenetic analysis of *Orgyia pseudotsugata* single-nucleocapsid nucleopolyhedrovirus. *Virologica Sinica*. 22(4):257–265. ⑤

Klimaszewski, J. 2008. Little beetles and big headaches, or how to understand one of the most successful groups of terrestrial beetles in Canada (Staphylinidae: Aleocharinae). *Newsletter of the Biological Survey of Canada (Terrestrial Arthropods)*, Vol. 27, No. 2(1):51–61. ②

Klimaszewski, J. 2008. *Pentanota meuseli* (Coleoptera: Staphylinidae: Aleocharinae) erroneously recorded from North America. *Canadian Entomologist*. 140:119–123. ②

Klimaszewski, J.; Godin, B.; Pelletier, G.; Savard, K. 2008. Six new species and records of aleocharine beetles from the Yukon and Alaska (Coleoptera: Staphylinidae: Aleocharinae). *Canadian Entomologist*. 140:265–291. ②

Klimaszewski, J.; Savard, K.; Pelletier, G.; Webster, R. 2008. Species review of the genus *Gnypeta* Thomson from Canada, Alaska and Greenland (Coleoptera, Staphylinidae, Aleocharinae): systematics, bionomics and distribution. *ZooKeys* 2:11–84. ②

Klimaszewski, J.; Webster, R.; Assing, V.; Savard, K. 2008. *Diglossa mersa* (Haliday) and *Halobrecta flavipes* Thomson, two new species for the Canadian fauna (Coleoptera, Staphylinidae, Aleocharinae). *ZooKeys* 2:175–188. ②

Kyei-Poku, G.; Gauthier, D.; van Frankenhuyzen, K. 2008. Molecular data and phylogeny of *Nosema* infecting Lepidopteran forest defoliators in the Genera *Choristoneura* and *Malacosoma*. *Journal of Eukaryotic Microbiology*. 55(1):51–58. ③

Langor, D.W.; Hammond, H.E.J.; Spence, J.R.; Jacobs, J.; Cobb, T.P. 2008. Saproxylous insect assemblages in Canadian forests: diversity, ecology, and conservation. *Canadian Entomologist*. 140(4):453–474. ④

Langor, D.W.; Spence, J.R. 2008. Foreword: Maintaining arthropods in northern forest ecosystems: symposium proceedings/Avant-propos, Actes du symposium : maintien des arthropodes dans les écosystèmes forestiers nordiques. *Canadian Entomologist*. 140(4):vii–ix. ④

Lihoradova, O.A.; Ogay, I.D.; Podpisnova, M.M.; Slack, J.M.; Azimova, S.S. 2008. Expression of a foreign gene by cysteine proteinase null recombinant baculovirus. *Molecular Biology*. 42(2):328–334. ③

Lindo, Z.; Clayton, M.R.; Behan-Pelletier, V.M. 2008. Systematics and ecology of *Anachipteria geminus* sp. nov. (Acari: Oribatida: Achipteridae) from arboreal lichens in western North America. *Canadian Entomologist*. 140(5):539–556. ⑤

Magnussen, S.; Harrison, D. 2008. Temporal change in wood quality attributes in standing dead beetle-killed lodgepole pine. *Forest Chronology*. 84(3):392–400. ⑤

Majka, C.G.; Gimmel, M.L.; Langor, D.W. 2008. The Phalacridae (Coleoptera: Cucujoidea) of Canada: new records, distribution and bionomics with a particular focus on the Atlantic Canadian fauna. Pages 209–220 in C.G. Majka and J. Klimaszewski, eds. *Biodiversity, biosystematics, and ecology of Canadian Coleoptera*. ZooKeys, Washington, DC. 406 p. ④

Majka, C.G.; Klimaszewski, J. 2008. Adventive Staphylinidae (Coleoptera) of the Maritime Provinces of Canada: further contributions. *ZooKeys* 2:151–174. ②

Majka, C.G.; Klimaszewski, J. 2008. How far have we come: 170 years of research on Canadian Coleoptera. *ZooKeys* 2:1–10. ②

Majka, C.G.; Klimaszewski, J. 2008. Introduced Staphylinidae (Coleoptera) in the Maritime Provinces of Canada. *Canadian Entomologist*. 140:48–72. ②

Majka, C.G.; Klimaszewski, J. 2008. New records of Canadian Aleocharinae (Coleoptera: Staphylinidae). *ZooKeys* 2:85–114. ②

Majka, C.G.; Klimaszewski, J.; Lauff, R.F. 2008. The coastal rove beetles (Coleoptera, Staphylinidae) of Atlantic Canada: a survey and new records. *ZooKeys* 2:115–150. ②

Majka, C.G.; Langor, D.W. 2008. The Leiodidae (Coleoptera) of Atlantic Canada: new records, faunal composition, and zoogeography. Pages 357–402 in C.G. Majka and J. Klimaszewski, eds. *Biodiversity, biosystematics, and ecology of Canadian Coleoptera*. ZooKeys, Washington, DC. 406 p. ④

Maruyama, M.; Klimaszewski, J.; Gusarov, V. 2008. *Osakatheta yasukoae*, a new intertidal genus and species of athetine rove beetles (Coleoptera, Staphylinidae, Aleocharinae) from Japan. *Zootaxa* 1683:39–50. ②

Maruyama, M.; Patrick, L.B.; Klimaszewski, J. 2008. First record of the genus *Myrmedonota* Cameron (Coleoptera, Staphylinidae) from North America, with descriptions of two new species. *Zootaxa* 1716:35–43. ②

McFarlane, B.L.; Watson, D.O. 2008. Perceptions of ecological risk associated with mountain pine beetle (*Dendroctonus ponderosae*) infestations in Banff and Kootenay National Parks of Canada. *Risk Analysis*. 28(1):203–212. ④

Milne, R.; Liu, Y.; Gauthier, D.; van Frankenhuyzen, K. 2008. Purification of Vip3Aa from *Bacillus thuringiensis* HD-1 and its contribution to toxicity of HD-1 to spruce budworm (*Choristoneura fumiferana*) and gypsy moth (*Lymantria dispar*) (Lepidoptera). *Journal of Invertebrate Pathology*. 99:166–172. ③

- Morgan, R.E.; de Groot, P.; Smith, S.M. 2008. Relationship of winter starch reserves in young ash and attack by the emerald ash borer (Coleoptera: Buprestidae). *Gt. Lakes Entomol.* 41:1–7. ③
- Otvos, I.S.; Armstrong, H.; Conder, N. 2007. Safety of *Bacillus thuringiensis* var. *kurstaki* applications for insect control to humans and large mammals. Pages 45–60 in J.-C. Côté, I.S. Otvos, J.-L. Schwartz, and C. Vincent, eds. Proceedings of the 6th Pacific Rim Conference on the Biotechnology of *Bacillus Thuringiensis* and its Environmental Impact. Érudit, Montréal, Que. 141 p. ⑤
- Patriquin, M.N.; Lantz, V.A.; Stedman, R.C.; White, W.A. 2008. Working together: a reciprocal wood flow arrangement to mitigate the economic impacts of natural disturbance. *Forestry* 81(2):227–242. ④
- Pohl, G.R.; Langor, D.W.; Klimaszewski, J.; Work, T.T.; Paquin, P. 2008. Rove beetles (Coleoptera: Staphylinidae) in northern Nearctic forests. *Can. Entomol.* 140(4):415–436. ④
- Quan, G.X.; Doucet, D.; Ladd, T.; Krell, P.J.; Arif, B.M. 2008. Cloning and characterization of a protein kinase C gene from the spruce budworm, *Choristoneura fumiferana*. *Insect Biochem. Mol. Biol.* 38:984–992. ③
- Régnière, J.; Nealis, V.G. 2008. The fine-scale population dynamics of spruce budworm: survival of early instars related to forest condition. *Ecol. Entomol.* 33:362–373. ②
- Rice, A.V.; Langor, D.W. 2008. A comparison of heat pulse velocity and lesion lengths for assessing the relative virulence of mountain pine beetle-associated fungi on jack pine. *For. Pathol.* 38(4):257–262. ④
- Rice, A.V.; Thormann, M.N.; Langor, D.W. 2008. Mountain pine beetle-associated blue-stain fungi are differentially adapted to boreal temperatures. *For. Pathol.* 38(2):113–123. ④
- Roden, D.B.; Mattson, W.J. 2008. Rapid induced resistance and host species effects on gypsy moth, *Lymantria dispar* (L.): implications for outbreaks on three tree species in the boreal forest. *For. Ecol. Manag.* 255:1868–1873. ③
- Slack, J.M.; Lawrence, S.D.; Krell, P.J.; Arif, B.M. 2008. Trypsin cleavage of the baculovirus occlusion-derived virus attachment protein P74 is prerequisite in *per os* infection. *J. Gen. Virol.* 89:2388–2397. ③
- Spence, J.R.; Langor, D.W.; Jacobs, J.; Work, T.T.; Volney, W.J.A. 2008. Conservation of forest-dwelling arthropod species: simultaneous management of many small and heterogeneous risks. *Can. Entomol.* 140(4):510–525. ④
- Storer, A.J.; Jurgensen, M.F.; Risch, A.C.; Delisle, J.; Hyslop, M.D. 2008. The fate of an intentional introduction of *Formica lugubris* to North America from Europe. *J. Appl. Entomol.* 132:276–280. ②
- Strong, W.; Millar, J.G.; Grant, G.G.; Moreira, J.A.; Chong, J.M.; Rudolph, C. 2008. Optimization of pheromone lure and trap design for monitoring the fir coneworm, *Dioryctria abietivorella*. *Entomol. Exp. Appl.* 126:67–77. ③
- Thorne, C.M.; Levin, D.B.; Otvos, I.S.; Conder, N. 2008. Virus loads in Douglas-fir tussock moth larvae infected with the *Orgyia pseudotsugata* nucleopolyhedrovirus. *Can. Entomol.* 140(2):158–167. ⑤
- Thorne, C.M.; Otvos, I.S.; Conder, N.; Levin, D.B. 2007. Development of a dipstick immunoassay to detect nucleopolyhedroviruses in Douglas-fir tussock moth larvae. *J. Virol. Methods* 146(1–2):188–195. ⑤
- Vandermoten, S.; Cusson, M.; Francis, F.; Haubruge, E. 2008. La biosynthèse des isoprénoides chez les pucerons : une cible potentielle de nouveaux bio-insecticides? *Biotechnol. Agron. Soc. Environ.* 12:451–460. ②
- van Frankenhuyzen, K.; Régnière, J.; Bernier-Cardou, M. 2008. Response of *Lymantria dispar* L. (Lepidoptera: Lymantriidae) to *Bacillus thuringiensis* subsp. *kurstaki* at different ingested doses and temperatures. *J. Invertebr. Pathol.* 99:263–274. ② ③
- Work, T.T.; Kolvula, M.; Klimaszewski, J.; Langor, D.W.; Spence, J.R.; Sweeney, J.D.; Hébert, C. 2008. Evaluation of carabid beetles as indicators of forest change in Canada. *Can. Entomol.* 140(4):393–414. ④
- Zahner, V.; Lucarotti, C.J.; McIntosh, D. 2008. Application of 16S rDNA-DGGE and plate culture to characterization of bacterial communities associated with the sawfly, *Acantholyda erythrocephala* (Hymenoptera, Pamphiliidae). *Curr. Microbiol.* 57(6):564–569. ①
- Zheng, Y.P.; Krell, P.J.; Doucet, D.; Arif, B.M.; Feng, Q.L. 2008. Cloning, expression, and localization of a molt-related beta-N-acetylglucosaminidase in the spruce budworm, *Choristoneura fumiferana*. *Arch. Insect Biochem. Physiol.* 68: 49–59. ③

Genetics, Tree Improvement, and Biodiversity

Génétique, amélioration des arbres et biodiversité

La foresterie multivariétale. 2008. Park, Y.-S. RNCAN, SCF, Centre canadien sur la fibre de bois, Fredericton (Nouveau-Brunswick). Faits sur la fibre 1. 2 p. [English: see *Multi-varietal forestry.*] ①

Implementing ecosystem-based management approaches in Canada's forests. A science-policy dialogue. 2008. McAfee, B.; Malouin, C., eds. NRCAN, CFS, HQ, Science and Programs Branch, Ottawa. 111 p. [Français : voir *Mise en œuvre...*] ⑥

Mise en œuvre de méthodes de gestion écosystémique dans les forêts du Canada. Un dialogue entre sciences et politiques. 2008. Sous la dir. de B. McAfee et C. Malouin. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 122 p. [English: see *Implementing...*] ⑥

Multi-varietal forestry. 2008. Park, Y.-S. NRCAN, CFS, Canadian Wood Fibre Centre, Fredericton, N.B. Fibre Facts Note 1. 2 p. [Français : voir *La foresterie multivariétale.*] ①

Journal Articles and Other Contributions /

Articles de revues scientifiques et autres collaborations

Alfaro, R.I.; King, J.N.; Brown, R.G.; Buddingh, S.M. 2008. Screening of Sitka spruce genotypes for resistance to the white pine weevil using artificial infestations. *For. Ecol. Manag.* 255(5-6):1749-1758. ⑤

Beardmore, T.; Wang, B.S.P.; Penner, M.; Scheer, G. 2008. Effects of seed water content and storage temperature on the germination parameters of white spruce, black spruce, and lodgepole pine seed. *New For.* 36:171-185. ①

Bilodeau, G.J.; Lévesque, C.A.; de Cock, A.W.A.M.; Brière, S.C.; Hamelin, R.C. 2007. Differentiation of European and North American genotypes of *Phytophthora ramorum* by real-time polymerase chain reaction primer extension. *Can. J. Plant Pathol.* 29:408-420. ②

Bousquet, J.; Isabel, N.; Pelgas, B.; Cottrell, J.; Rungis, D.; Ritland, K. 2007. Spruce. Pages 93-114 in C. Kole, ed. Vol. 7: Genome mapping and molecular breeding in plants. Springer-Verlag, Berlin, Heidelberg. 232 p. ②

Cameron, S.I.; Smith, R.F. 2008. Seasonal changes in the concentration of major taxanes in the biomass of wild Canada yew (*Taxus canadensis* Marsh.). *Pharm. Biol.* 46:35-40. ①

Carles, S.; Lamhamedi, M.S.; Stowe, D.C.; Margolis, H.A.; Bernier, P.Y.; Veilleux, L.; Fecteau, B. 2008. Frost tolerance of two-year-old *Picea glauca* seedlings grown under different

irrigation regimes in a forest nursery. *Scand. J. For. Res.* 23:137-147. ②

Cusson, M. 2008. The molecular biology toolbox and its use in basic and applied insect science. *Bioscience* 58:691-700. ②

Doucet, D.; Béliveau, C.; Dowling, A.; Simard, J.; Feng, Q.; Krell, P.J.; Cusson, M. 2008. Prophenoloxidases 1 and 2 from the spruce budworm, *Choristoneura fumiferana*: molecular cloning and assessment of transcriptional regulation by a polydnavirus. *Biochem. Physiol.* 67:188-201. ②

Klimaszewska, K.; Séguin, A.; Park, Y.S.; Arnerup, J.; Garcia-Gil, R. 2008. Spruce. Pages 151-167 in C. Kole and T.C. Hall, eds. Compendium of transgenic crop plants: transgenic forest tree species. Blackwell Publishing, Oxford, U.K. ②

Klimaszewska, K.K.; Trontin, J.-F.; Becwar, M.R.; Devillard, C.; Park, Y.-S.; Lelu-Walter, M.A. 2007. Recent progress in somatic embryogenesis of four *Pinus* spp. *Tree For. Sci. Biotechnol.* 1:11-25. ①

Lelu-Walter, M.-A.; Bernier-Cardou, M.; Klimaszewska, K. 2008. Clonal plant production from self- and cross-pollinated seed families of *Pinus sylvestris* (L.) through somatic embryogenesis. *Plant Cell Tissue Organ Cult.* 92:31-45. ②

Liu, J.-J.; Ekramoddoullah, A.K.M. 2008. Development of leucine-rich repeat polymorphism, amplified fragment length polymorphism, and sequence characterized amplified region markers to the *Cronartium ribicola* resistance gene Cr2 in western white pine (*Pinus monticola*). *Tree Genet. Genomes* 4:601-610. ⑤

Major, J.E.; Mosseler, A.; Barsi, D.C.; Clouthier, A.; Campbell, M. 2009. Impact of three silvicultural treatments on weevil incidence, growth, phenology, and branch-level dynamics of *Pinus strobus* from large and small populations. *Can. J. For. Res.* 39:12-25. ①

Namroud, M.-C.; Beaulieu, J.; Juge, N.; Laroche, J.; Bousquet, J. 2008. Scanning the genome for gene single nucleotide polymorphisms involved in adaptive population differentiation in white spruce. *Mol. Ecol.* 17:3599-3613. ②

Pavy, N.; Pelgas, B.; Beauseigle, S.; Blais, S.; Gagnon, F.; Gosselin, I.; Lamothe, M.; Isabel, N.; Bousquet, J. 2008. Enhancing genetic mapping of complex genomes through the design of highly-multiplexed SNP arrays: application to the large and unsequenced genomes of white spruce and black spruce. *BMC Genomics* 9:21. ②

Pinto, G.; Park, Y.-S.; Neves, L.; Araújo, C.; Santos, C. 2008. Genetic control of somatic embryogenesis induction in *Eucalyptus globulus* Labill. *Plant Cell Rep.* 27:1093–1101. ①

Ramirez-Herrera, C.; Beardmore, T.; Loo, J.A. 2008. Overcoming dormancy of *Pinus pinceana* seeds. *Seed Sci. Technol.* 36:1–20. ①

Rutledge, R.G.; Stewart, D. 2008. Critical evaluation of methods used to determine amplification efficiency refutes the exponential character of real-time PCR. *BMC Mol. Biol.* 9:96. ②

Rutledge, R.G.; Stewart, D. 2008. A kinetic-based sigmoidal model for the polymerase chain reaction and its application to high-capacity absolute quantitative real-time PCR. *BMC Biotechnol.* 8:47. ②

Sotelo Montes, C.; Hernández, R.E.; Beaulieu, J.; Weber, J.C. 2008. Genetic variation in wood color and its correlations with tree growth and wood density of *Calycophyllum spruceanum* at an early age in the Peruvian Amazon. *New For.* 35(1):57–73. ②

Tai, H.H.; Williams, M.; Iyengar, A.; Yeates, J.; Beardmore, T. 2007. Regulation of the β -hydroxyacyl ACP dehydratase gene of *Picea mariana* by alternative splicing. *Plant Cell Rep.* 26:105–113. ①

Trontin, J.-F.; Walter, C.; Klimaszewska, K.K.; Park, Y.-S.; Lelu-Walter, M.A. 2007. Recent progress in genetic transformation of four *Pinus* spp. *Transgenic Plant J.* 1:314–329. ①

Vandermoten, S.; Charlotheaux, B.; Santini, S.; Sen, S.E.; Béliveau, C.; Vandenbol, M.; Francis, F.; Brasseur, R.; Cusson, M.; Haubruge, É. 2008. Characterization of a novel aphid prenilyltransferase displaying dual geranyl/farnesyl diphosphate synthase activity. *FEBS Lett.* 582:1928–1934. ②

Wang, H.-Z.; Hu, B.; Chen, G.-P.; Shi, N.-N.; Zhao, Y.; Yin, Q.-C.; Liu, J.-J. 2008. Application of *Arabidopsis* *AGAMOUS* second intron for the engineered ablation of flower development in transgenic tobacco. *Plant Cell Rep.* 27(2):251–259. ⑤

Growth and Yield, Inventory, and Monitoring

Biomass estimates for major boreal forest species in west-central Canada. [Online only]. 2007. Miao, Z.; Li, C. NRCan, CFS, Canadian Wood Fibre Centre, Edmonton, Alta. Inf. Rep. FI-X-002. 37 p.

BioSIM 9 — Manuel de l'utilisateur. 2008. Régnière, J.; Saint-Amant, R. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). Rapport d'information LAU-X-134F. 82 p. [English: see *BioSIM 9—User's...*] ②

BioSIM 9—User's Manual. 2008. Régnière, J.; Saint-Amant, R. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Inf. Rep. LAU-X-134E. 76 p. [Français : voir *BioSIM 9 — Manuel de ...*] ②

Calibration du modèle de simulation « Forest Vegetation Simulator » (FVS^{Ontario}) pour l'Ontario. 2008. Lacerte, V.; Larocque, G.R.; Woods, M.; Parton, W.J. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). Rapport d'information LAU-X-132F. 92 p. [English: see *Forest Vegetation Simulator...*] ②

Considering the effectiveness of mountain pine beetle mitigation strategies. 2008. Coops, N.C.; Timko, J.A.; Wulder, M.A.; White, J.C.; Ortlepp, S.M. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-21. 44 p. ⑤

Accroissement, inventaire et biosurveillance

Forest Vegetation Simulator model calibration for Ontario (FVS^{Ontario}). 2008. Lacerte, V.; Larocque, G.R.; Woods, M.; Parton, W.J. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Inf. Rep. LAU-X-132E. 91 p. [Français : voir *Calibration du modèle de simulation...*] ②

Validating FVS^{Ontario} individual model components using independent datasets based on permanent sample plots located in Quebec. 2008. Lacerte, V.; Larocque, G.R.; Woods, M.; Parton, W.J. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Inf. Rep. LAU-X-133E. 92 p. [Français : voir *Validation de composantes individuelles...*] ②

Validation de composantes individuelles de FVS^{Ontario} à l'aide d'ensembles de données indépendantes provenant de placettes-échantillons permanentes du Québec. 2008. Lacerte, V.; Larocque, G.R.; Woods, M.; Parton, W.J. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). Rapport d'information LAU-X-133F. 91 p. [English: see *Validating FVS^{Ontario}...*] ②

Working paper: Monitoring tree-level insect population dynamics with multi-scale and multi-source remote sensing. 2008. Wulder, M.A.; Ortlepp, S.M.; White, J.C.; Coops, N.C.; Coggins, S.B. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Work. Pap. 2008-20. 32 p. ⑤

**Journal Articles and Other Contributions /
Articles de revues scientifiques et autres collaborations**

- Beverly, J.; Uto, K.; Wilkes, J.; Bothwell, P.M. 2008. Assessing spatial attributes of forest landscape values: an internet-based participatory mapping approach. *Can. J. For. Res.* 38(2):289–303. ④
- Case, B.S.; Hall, R.J. 2008. Assessing prediction errors of generalized tree biomass and volume equations for the boreal forest region of west-central Canada. *Can. J. For. Res.* 38(4): 878–889. ④
- Chhin, S.; Hogg, E.H.; Lieffers, V.J.; Huang, S. 2008. Influences of climate on the radial growth of lodgepole pine in Alberta. *Botany (formerly Can. J. Bot.)* 86(2):167–178. ④
- Coggins, S.B.; Wulder, M.A.; Coops, N.C.; White, J.C. 2008. Linking survey detection accuracy with ability to mitigate populations of mountain pine beetle. *For. Chron.* 84(6):900–909. ⑤
- Cooke, B.J.; Roland, J. 2007. Trembling aspen responses to drought and defoliation by forest tent caterpillar and reconstruction of recent outbreaks in Ontario. *Can. J. For. Res.* 37(9): 1586–1598. ④
- Coops, N.C.; Wulder, M.A.; Duro, D.C.; Han, T.; Berry, S. 2008. The development of a Canadian dynamic habitat index using multi-temporal satellite estimates of canopy light absorbance. *Ecol. Indicat.* 8(5):754–766. ⑤
- French, N.H.F.; Kasischke, E.S.; Hall, R.J.; Murphy, K.A.; Verbyla, D.L.; Hoy, E.E.; Allen, J.L. 2008. Using Landsat data to assess fire and burn severity in the North American boreal forest region: an overview and summary of results. *Int. J. Wildland Fire* 17(4):443–462. ④
- Gastaldello, P.; Ruel, J.-C.; Lussier, J.-M. 2007. Remise en production des bétulaies jaunes résineuses dégradées : étude du succès d'installation de la régénération. *For. Chron.* 83:742–753. ②
- Gillanders, S.; Coops, N.C.; Wulder, M.A.; Gergel, S.E.; Nelson, T. 2008. Multitemporal remote sensing of landscape dynamics and pattern change: describing natural and anthropogenic trends. *Prog. Phys. Geogr.* 32(5):503–528. ⑤
- Gillanders, S.; Coops, N.C.; Wulder, M.A.; Goodwin, N.R. 2008. Application of Landsat satellite imagery to monitor land-cover changes at the Athabasca oil sands, Alberta, Canada. *Can. Geogr.* 52(4):466–485. ⑤
- Goodine, G.K.; Lavigne, M.B.; Krasowski, M.J. 2008. Springtime resumption of photosynthesis in balsam fir (*Abies balsamea*). *Tree Physiol.* 28:1069–1076. ①
- Goodwin, N.R.; Coops, N.C.; Wulder, M.A.; Gillanders, S.; Schroeder, T.; Nelson, T. 2008. Estimation of insect infestation dynamics using a temporal sequence of Landsat data. *Remote Sens. Environ.* 112:3680–3689. ⑤
- Goward, S.N.; Masek, J.G.; Cohen, W.B.; Moisen, G.; Collatz, G.J.; Healey, S.; Houghton, R.A.; Huang, C.; Kennedy, R.; Law, B.; Powell, S.; Turner, D.; Wulder, M.A. 2008. Forest disturbance and North American carbon flux. *EOS* 89(11):105–116. ⑤
- Groot, A.; Saucier, J.-P. 2008. Volume increment efficiency of *Picea mariana* in northern Ontario, Canada. *For. Ecol. Manag.* 255:1647–1653. ③
- Hall, R.J.; Freeburn, J.T.; de Groot, W.J.; Pritchard, J.; Lynham, T.J.; Landry, R. 2008. Remote sensing of burn severity: experience from western Canada boreal fires. *Int. J. Wildland Fire* 17(4):476–489. ④
- Hall, R.J.; Thomas, S.J.; Van der Sanden, J.J.; Arsenault, E.; Deschamps, A.; Kurz, W.A.; Dymond, C.C.; Landry, R.; Hogg, E.H.; Michaelian, M.; Skakun, R.S. 2008. Remote sensing of forest health: current advances and challenges. Pages 73–78 *in* Proceedings, Forest Pest Management Forum/Compte rendu du forum sur la répression des ravageurs forestiers; 4–6 Dec. 2007, Ottawa, Ont. NRCan, Ottawa, Ont. (Extended abstract) ④
- Hilker, T.; Coops, N.C.; Hall, F.G.; Black, T.A.; Wulder, M.A.; Nestic, Z.; Krishnan, P. 2008. Separating physiologically and directionally induced changes in PRI using BRDF models. *Remote Sens. Environ.* 112(6):2777–2788. ⑤
- Hilker, T.; Coops, N.C.; Wulder, M.A.; Black, T.A.; Guy, R.D. 2008. The use of remote sensing in light use efficiency based models of gross primary production: a review of current status and future requirements. *Sci. Total Environ.* 404(2–3):411–423. ⑤
- Hilker, T.; Wulder, M.A.; Coops, N.C. 2008. Update of forest inventory data with lidar and high spatial resolution satellite imagery. *Can. J. Remote Sens.* 34(1):5–12. ⑤
- Hogg, E.H.; Brandt, J.P.; Michaelian, M. 2008. Impacts of a regional drought on the productivity, dieback, and biomass of western Canadian aspen forests. *Can. J. For. Res.* 38(6): 1373–1384. ④
- Hopkinson, C.; Chasmer, L.; Hall, R.J. 2008. The uncertainty in conifer plantation growth prediction from multi-temporal lidar datasets. *Remote Sens. Environ.* 112(3):1168–1180. ④
- Joss, B.N.; Hall, R.J.; Sidders, D.M.; Keddy, T.J. 2008. Fuzzy-logic modeling of land suitability for hybrid poplar across the Prairie Provinces of Canada. *Environ. Monit. Assess.* 141(1–3):79–96. ④
- Larocque, G.R.; Archambault, L.; Delisle, C.; Luckai, N.; Adhikary, S. 2008. Modelling forest productivity in a changing climate: uncertainties and challenges. Page 12 *in* Conference proceedings, Eastern CANUSA Forest Science Conference. 17–18 Oct. 2008, Orono, Me. Abstract. ②

- Li, C.; Hans, H.; Barclay, H.J.; Liu, J.; Carlson, G.; Campbell, D. 2008. Comparison of spatially explicit forest landscape fire disturbance models. *For. Ecol. Manag.* 254(3):499–510. ④
- Magnussen, S.; Boudewyn, P.A. 2008. Estimators of tree species richness: an assessment for central and eastern Canada. *J. Sustain. For.* 26(1):77–96. ⑤
- Magnussen, S.; Kleinn, C.; Picard, N. 2008. Two new density estimators for distance sampling. *Eur. J. For. Res.* 127:213–224. ⑤
- Magnussen, S.; Picard, N.; Kleinn, C. 2008. A gamma-Poisson distribution of point to k nearest event distance. *For. Sci.* 54(4): 429–441. ⑤
- Metsaranta, J.; Loeffers, V.J. 2008. A fifty-year reconstruction of annual changes in the spatial distribution of *Pinus banksiana* stands: does pattern fit competition theory? *Plant Ecol.* 199(1): 137–152. ⑤
- Mitchell, S.W.; Rimmel, T.K.; Csillag, F.; Wulder, M.A. 2008. Distance to second cluster as a measure of classification confidence. *Remote Sens. Environ.* 112:2615–2626. ⑤
- Newton, P. 2008. Complex stand structures and associated dynamics: measurement indices and modelling approaches. *Forestry* 81:573–574; doi:10.1093/forestry/cpn046. ③
- Newton, P.F. 2008. Base-age invariant polymorphic height growth and site index equations for peatland black spruce stands. *North. J. Appl. For.* 25:202–210. ③
- Newton, P.F.; Sharma, M. 2008. Evaluation of sampling design on taper equation performance in plantation-grown *Pinus banksiana*. *Scand. J. For. Res.* 23:358–370. ③
- Robertson, C.; Wulder, M.A.; Nelson, T.; White, J.C. 2008. Risk rating for mountain pine beetle infestation of lodgepole pine forests over large areas with ordinal regression modelling. *For. Ecol. Manag.* 256:900–912. ⑤
- Schneider, R.; Berninger, F.; Ung, C.-H.; Bernier, P.Y.; Swift, D.E.; Zhang, S.Y. 2008. Calibrating jack pine allometric relationships with simultaneous regressions. *Can. J. For. Res.* 38:2566–2578. ②
- Sharma, M.; Parton, J.; Woods, M.; Newton, P.; Penner, M.; Wang, J.; Stinson, A.; Bell, F.W. 2008. Ontario's forest growth and yield modelling program: advances resulting from the Forestry Research Partnership. *For. Chron.* 84:694–703. ③
- Ung, C.-H.; Bernier, P.; Guo, X.-J. 2008. Canadian national biomass equations: new parameter estimates that include British Columbia data. *Can. J. For. Res.* 38:1123–1132. ②
- Wang, B.S.P. 2007. Highlights of my experience in tree seed research and development at Petawawa. Pages 1–15 *in* Recent advances in seed physiology and technology, Proceedings, Meeting of IUFRO Research Group 2.09.00, Seed Physiology and Technology, 18–21 July 2006, Fredericton, N.B. 15 p. ⑥
- Woodcock, C.E.; Allen, A.A.; Anderson, M.; Belward, A.S.; Bindschadler, R.; Cohen, W.B.; Gao, F.; Goward, S.N.; Helder, D.; Helmer, E.; Nemani, R.; Oreopoulos, L.; Schott, J.; Thenkabail, P.S.; Vermote, E.F.; Vogelmann, J.; Wulder, M.A.; Wynne, R. 2008. Free access to Landsat imagery. *Science* 320:1011. ⑤
- Wulder, M.A.; Bater, C.W.; Coops, N.C.; Hilker, T.; White, J.C. 2008. The role of LiDAR in sustainable forest management. *For. Chron.* 84(6):807–826. ⑤
- Wulder, M.A.; Butson, C.R.; White, J.C. 2008. Cross-sensor change detection over a forested landscape: options to enable continuity of medium spatial resolution measures. *Remote Sens. Environ.* 112(3):796–809. ⑤
- Wulder, M.A.; Magnussen, S.; Harding, D.; Coops, N.C.; Boudewyn, P.A.; Seemann, D. 2008. Stability of surface LiDAR height estimates on a point and polygon basis. *J. For. Plann.* 13:279–286. ⑤
- Wulder, M.A.; Ortlepp, S.M.; White, J.C.; Coops, N.C.; Coggins, S.B. 2008. Monitoring tree-level insect population dynamics with multi-scale and multi-source remote sensing. *J. Spat. Sci.* 53(1):49–61. ⑤
- Wulder, M.A.; Ortlepp, S.M.; White, J.C.; Maxwell, S. 2008. Evaluation of Landsat-7 SLC-off image products for forest change detection. *Can. J. Remote Sens.* 34 (2):93–99. ⑤
- Wulder, M.A.; White, J.C.; Coops, N.C.; Butson, C.R. 2008. Multi-temporal analysis of high spatial resolution imagery for disturbance monitoring. *Remote Sens. Environ.* 112(6): 2729–2740. ⑤
- Wulder, M.A.; White, J.C.; Fournier, R.A.; Luther, J.E.; Magnussen, S. 2008. Spatially explicit large area biomass estimation: three approaches using forest inventory and remotely sensed imagery in a GIS. *Sensors* 8:529–560. ⑤
- Wulder, M.A.; White, J.C.; Goward, S.N.; Masek, J.G.; Irons, J.R.; Herold, M.; Cohen, W.B.; Loveland, T.R.; Woodcock, C.E. 2008. Landsat continuity: issues and opportunities for land cover monitoring. *Remote Sens. Environ.* 112(3):955–969. ⑤

Impacts of Forestry Practices

Accroître la qualité de la fibre par la sylviculture. 2008. Swift, D.E.; Duchesne, I. RNCAN, SCF, Centre canadien sur la fibre de bois, Fredericton (Nouveau-Brunswick). Faits sur la fibre 3. 2 p. [English: see *Improving fibre quality...*] ①

Green River precommercial thinning research. 2008. Lanteigne, L.J.; Pitt, D.G. NRCAN, CFS, Canadian Wood Fibre Centre, Fredericton, N.B. Fibre Facts Note 2. 2 p. [Français : voir *Rivière Verte...*] ①

Impact de l'éclaircie précommerciale sur la respiration, la température et l'humidité du sol dans des peuplements de sapins baumiers de l'Ouest de Terre-Neuve. [En ligne seulement]. 2008. Hagemann, U.; Moroni, M.T.; Carter, P.Q.; Makeschin, F. RNCAN, SCF, Centre de foresterie de l'Atlantique, Corner Brook (Terre-Neuve-et-Labrador). Rapport d'information M-X-223F. 12 p. [English: see *Impact of precommercial thinning...*]

Impact of precommercial thinning on soil respiration, temperature, and moisture in western Newfoundland balsam fir. [Online only]. 2008. Hagemann, U.; Moroni, M.T.; Carter, P.Q.; Makeschin, F. NRCAN, CFS, Atlantic Forestry Centre, Corner Brook, Nfld. Inf. Rep. M-X-223E. 12 p. [Français : voir *Impact de l'éclaircie précommerciale...*]

Improving fibre quality through silviculture. 2008. Swift, D.E.; Duchesne, I. NRCAN, CFS, Canadian Wood Fibre Centre, Fredericton, N.B. Fibre Facts Note 3. 2 p. [Français : voir *Accroître la qualité...*] ①

Quel est l'impact de la récolte de la biomasse forestière sur les sols? Participez à la recherche! 2008. Paré, D. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts, Centre de foresterie des Laurentides. N° 45. 2 p. [English: see *What impact does forest biomass...*] ②

Rivière Verte : recherches sur l'éclaircie précommerciale. 2008. Lanteigne, L.J.; Pitt, D.G. RNCAN, SCF, Centre de canadien sur la fibre du bois, Fredericton (Nouveau-Brunswick). Faits sur la fibre 2. 2 p. [English: see *Green River...*] ①

What impact does forest biomass harvesting have on soils? Join the research effort! 2008. Paré, D. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No 45. 2 p. [Français : voir *Quel est l'impact de la récolte...*] ②

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Burke, D.M.; Elliott, K.A.; Holmes, S.B.; Bradley, D. 2008. The effects of partial harvest on the understory vegetation of

Incidences des pratiques forestières

southern Ontario woodlands. *For. Ecol. Manag.* 255: 2204–2212. ③

Chen, C.Y.; Hathaway, K.M.; Thompson, D.G.; Folt, C.L. 2008. Multiple stressor effects of herbicide, pH, and food on wetland zooplankton and a larval amphibian. *Ecotoxicol. Environ. Saf.* 71:209–218. ③

Holmes, S.B.; Fick, W.E.; Kreuzweiser, D.P.; Ebling, P.M.; England, L.S.; Trevors, J.T. 2008. Persistence of naturally occurring and genetically modified *Choristoneura fumiferana* nucleopolyhedroviruses in outdoor aquatic microcosms. *Pest Manag. Sci.* 64:1015–1023. ③

Kreuzweiser, D.P.; Good, K.P.; Capell, S.S.; Holmes, S.B. 2008. Leaf-litter decomposition and macroinvertebrate communities in boreal forest streams linked to upland logging disturbance. *J. North Am. Benthol. Soc.* 27:1–15. ③

Kreuzweiser, D.P.; Good, K.P.; Chartrand, D.T.; Scarr, T.A.; Holmes, S.B.; Thompson, D.G. 2008. Effects on litter-dwelling earthworms and microbial decomposition of soil-applied imidacloprid for control of wood-boring insects. *Pest Manag. Sci.* 64:112–118. ③

Kreuzweiser, D.P.; Good, K.P.; Chartrand, D.T.; Scarr, T.A.; Holmes, S.B.; Thompson, D.G. 2008. Toxicity of the systemic insecticide, Imidacloprid, to forest stream insects and microbial communities. *J. Environ. Contam. Toxicol.* 80:211–214. ③

Kreuzweiser, D.P.; Good, K.P.; Chartrand, D.T.; Scarr, T.A.; Thompson, D.G. 2008. Are leaves that fall from Imidacloprid-treated maple trees to control Asian Longhorned beetles toxic to non-target decomposer organisms? *J. Environ. Qual.* 37: 639–646. ③

Kreuzweiser, D.P.; Thompson, D.G.; Scarr, T.A. 2008. Imidacloprid in leaves from systemically treated trees may inhibit litter breakdown by non-target invertebrates. *Ecotoxicol. Environ. Saf.*; doi:10.1016/j.ecoenv.2008.09.017. (In Press) ③

Mead, D.J.; Chang, S.X.; Preston, C.M. 2008. Recovery of 15N-urea 10 years after application to a Douglas-fir pole stand in coastal British Columbia. *For. Ecol. Manag.* 256:694–701. ⑤

Pitt, D.; Lanteigne, L.J. 2008. Long-term outcome of precommercial thinning in northwestern New Brunswick: growth and yield of balsam fir and red spruce. *Can. J. For. Res.* 28:592–610. ①

Pohl, G.; Langor, D.; Klimaszewski, J.; Work, T.T.; Paquin, P. 2008. Rove beetles (Coleoptera: Staphylinidae) in northern Nearctic forests. *Can. Entomol.* 140:415–436. ②

Schneider, R.; Berninger, F.; Ung, C.-H.; Bernier, P.-Y.; Swift, D.E.; Zhang, S.Y. 2008. Calibrating jack pine allometric relationships with simultaneous regressions. *Can. J. For. Res.* 38: 2566–2578. ①

Schneider, R.; Zhang, S.Y.; Swift, D.E.; Bégin, J.; Lussier, J.-M. 2008. Predicting selected wood properties of jack pine following commercial thinning. *Can. J. For. Res.* 38:2030–2043. ①

Smith, C.Y.; Warkentin, I.G.; Moroni, M.T. 2008. Snag availability for cavity nesters across a chronosequence of post-harvest landscapes in western Newfoundland. *For. Ecol. Manag.* 256: 641–647. ①

Struger, J.; Thompson, D.; Staznik, B.; Martin, P.; McDaniel, T.; Marvin, C. 2008. Occurrence of glyphosate in surface waters of southern Ontario. *Bull. Environ. Contam. Toxicol.* 80: 378–384. ③

Thiffault, E.; Hannam, K.D.; Quideau, S.A.; Paré, D.; Bélanger, N.; Oh, S.-W.; Munson, A.D. 2008. Chemical composition of forest floor and consequences for nutrient availability after wildfire and harvesting in the boreal forest. *Plant Soil* 308:37–53. ②

International Trade and Policy

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Howlett, M.; Rayner, J.; Wellstead, A.M. 2008. National forest planning and sustainability concerns: the international influence.

National Strategy and Coordination

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Wellstead, A.M. 2008. The (post) staples economy and the (post) staples state in historical perspective. Chapter 2, pages

Silviculture

Boisement et agroforesterie en courtes rotations en territoire privé au Québec : Examen des lois, règlements, politiques et programmes. 2007. Marchand, P.P.; Masse, S. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). Rapport d'information LAU-X-130. 64 p. [English: see *Short-rotation Afforestation...*] ②

Les grands pins au Québec : un choix d'avenir. [En ligne seulement]. 2008. Partenariat innovation forêt et l'Association forestière des Cantons de l'Est. 28 p. [afce.qc.ca/accueil]. ②

Short-rotation afforestation and agroforestry on Quebec private land: review of laws, regulations, policies, and programs. 2007. Marchand, P.P.; Masse, S. RNCAN, CFS, Laurentian

Commerce international et politiques

Chapter 4, pages 71–93 in C. Gore and P. Stoett, eds. Environmental challenges and opportunities: local–global perspectives on Canadian issues. Emond Montgomery Publications Ltd., Toronto, Ont. 300 p. ④

Stratégie nationale et coordination

19–34 in M. Howlett and K. Brownsey, eds. Canada's resource economy in transition: the past, present, and future of Canadian staples industries. Emond Montgomery Publications Ltd., Toronto, Ont. 336 p. ④

Sylviculture

Forestry Centre, Québec, Que. Inf. Rep. LAU-X-130E. 62 p. [Français : voir *Boisement et agroforesterie...*] ②

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Fleming, R.L.; Baldwin, K.A. 2008. Effects of harvest intensity and aspect on a boreal transition tolerant hardwood forest. I. Initial postharvest understory composition. *Can. J. For. Res.* 38:685–697. ③

Man, C.D.; Comeau, P.G.; Pitt, D.G. 2008. Competitive effects of woody and herbaceous vegetation in a young boreal mixed-wood stand. *Can. J. For. Res.* 38:1817–1828. ③

Pelletier, G.; Pitt, D.G. 2008. Silvicultural responses of two spruce plantations to midrotation commercial thinning in New Brunswick. *Can. J. For. Res.* 38:851–867. ③

Pitt, D.; Lanteigne, L. 2008. Long-term outcome of precommercial thinning in northwestern New Brunswick: growth and yield of balsam fir and red spruce. *Can. J. For. Res.* 38:592–610. ③

Ruel, J.-C.; Roy, V.; Lussier, J.-M.; Pothier, D.; Meek, P.; Fortin, D. 2007. Mise au point d'une sylviculture adaptée à la forêt boréale irrégulière. *For. Chron.* 83:367–374. ②

Saucier, J.-P.; Groot, A. 2008. Modélisation des peuplements complexes et de l'effet des traitements sylvicoles. Pages 417–443 dans *Aménagement écosystémique en forêt boréale*, publié sous la dir. de S. Gauthier, M.-A. Vaillancourt, A. Leduc, L. De Grandpré, D. Kneeshaw, H. Morin, P. Drapeau et Y. Bergeron. Les Presses de l'Université du Québec, Québec (Québec). 600 p. ③

Socioeconomics and Statistics

Annual economic review and outlook for the Canadian forest sector: 2008–2009. [Online only]. 2008. NRCan, CFS, HQ, Policy, Economics and Industry Branch, Ottawa. 20 p. [Français : voir *Examen annuel...*] ⑥

Assessing potential biophysical and socioeconomic impacts of climate change on forest-based communities: a methodological case study. 2008. Williamson, T.B.; Price, D.T.; Beverly, J.; Bothwell, P.M.; Frenkel, B.; Park, J.; Patriquin, M.N. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. Inf. Rep. NOR-X-415E. 136 p. [Français : voir *Évaluation des répercussions...*] ④

Assessment of the economic (pulp and pulp quality) effects of increased lodgepole pine in SPF chip mixtures. 2008. Dalpke, B.; Hussein, A.; Trent, T.; Gee, W.; Johal, S.; Yuen, B.; Watson, P.A. NRCan, CFS, Pacific Forestry Centre, Victoria B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-08. 88 p. ⑤

Canada's boreal forest economy: economic and socioeconomic issues and research opportunities. 2008. Bogdanski, B.E.C. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-414. 59 p. ⑤

Évaluation des répercussions biophysiques et socioéconomiques potentielles du changement climatique sur les collectivités axées sur les ressources forestières : une étude de cas méthodologique. 2008. Williamson, T.B.; Price, D.T.; Beverly, J.; Bothwell, P.M.; Frenkel, B.; Park, J.; Patriquin, M.N. RNCAN, SCF, Centre de foresterie du Nord, Edmonton (Alberta). Rapport d'information NOR-X-415F. 150 p. [English: see *Assessing potential biophysical...*] ④

Examen annuel et perspectives économiques de l'industrie forestière canadienne: 2008–2009. 2008. RNCAN, SCF, Administration centrale, Direction de la politique, de l'économie et de l'industrie, Ottawa. 20 p. [English: see *Annual economic review...*] ⑥

Socioéconomie et statistique

Secondary manufacturing of solid wood products in British Columbia, 2006: structure, economic contribution, and changes since 1990. 2008. Stennes, B.; Wilson, W.R. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-416. ⑤

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Beverly, J.; Uto, K.; Wilkes, J.; Bothwell, P.M. 2008. Assessing spatial attributes of forest landscape values: an internet-based participatory mapping approach. *Can. J. For. Res.* 38(2): 289–303. ④

Magnussen, S.; Reeves, R. 2008. A method for bias-reduction of sample-based MLE of the autological model. *Comput. Stat. Data Anal.* 53(1):103–111. ⑤

McFarlane, B.L.; Stumpf-Allen, R.C.G.; Watson, D.O. 2007. Public acceptance of access restrictions to grizzly bear (*Ursus arctos*) country. *Hum. Dimen. Wildl.* 12(4):275–287. ④

McFarlane, B.L.; Watson, D.O. 2008. Perceptions of ecological risk associated with mountain pine beetle (*Dendroctonus ponderosae*) infestations in Banff and Kootenay National Parks of Canada. *Risk Anal.* 28(1):203–212. ④

McKenney, D.W.; Pelland, S.; Poissant, Y.; Morris, R.; Hutchinson, M.; Papadopol, P.; Lawrence, K.; Campbell, K. 2008. Spatial insolation models for photovoltaic energy in Canada. *Sol. Energy* 82:1049–1061. ③

Patriquin, M.N.; Lantz, V.A.; Stedman, R.C.; White, W.A. 2008. Working together: a reciprocal wood flow arrangement to mitigate the economic impacts of natural disturbance. *Forestry* 81(2):227–242. ④

Wang, S.; Liu, C.; Wilson, B.A. 2007. Is China in a later stage of a U-shaped forest resource curve? A re-examination of empirical evidence. *For. Pol. Econ.* 10:1–6. ⑤

Wellstead, A.M. 2007. Filling in the gaps: complexity and policy process theory. Pages 141–148 in J. Bogg and R. Geyer, eds. *Complexity, science and society*. Radcliffe Publishing Ltd., Abingdon, Oxon, U.K. 188 p. ④

Wellstead, A.M. 2008. The (post) staples economy and the (post) staples state in historical perspective. Chapter 2, pages 19–34 in M. Howlett and K. Brownsey, eds. *Canada's resource*

economy in transition: the past, present, and future of Canadian staples industries. Emond Montgomery Publications Ltd., Toronto, Ont. 336 p. ④

Wellstead, A.M.; Leslie, K.; Weetman, G.F. 2007. Canadian forest policy-making: failure and resistance, or evolution in turbulent times? *For. Chron.* 83(5):628–629. ④

Yemshanov, D.; McKenney, D. 2008. Fast-growing poplar plantations as a bioenergy supply source for Canada. *Biomass Bioenergy* 32:185–197. ③

Sustainable Forest Management

Aménagement écosystémique en forêt boréale. 2008. Sous la dir. de S. Gauthier, M.-A. Vaillancourt, A. Leduc, L. De Grandpré, D. Kneeshaw, H. Morin, P. Drapeau et Y. Bergeron. Les Presses de l'Université du Québec, Québec (Québec). 600 p. ISBN 978-2-7605-1525-3. 69 \$.

Développement de la densité du bois chez des familles de jeunes pins blancs (*Pinus strobus* L.) en pollinisation libre. 2007. Larocque, G.R.; Beaulieu, J.; Daoust, G.; Zhang, S.Y. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). Rapport d'information LAU-X-131. 16 p. [English: see *Wood density development...*] ②

Measuring our progress: Putting sustainable forest management into practice across Canada and beyond. 2008. [Online only]. Canadian Council of Forest Ministers, Ottawa. 11 p. [Français : voir *Mesurer nos progrès...*] ⑥

Mesurer nos progrès : Mise en œuvre de l'aménagement durable des forêts au Canada et à l'étranger. 2008. Conseil canadien des ministres des forêts, Ottawa. 11 p. [English: see *Mesuring our progress...*] ⑥

Wood density development in young open-pollinated eastern white pine (*Pinus strobus* L.) families. 2007. Larocque, G.R.; Beaulieu, J.; Daoust, G.; Zhang, S.Y. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. Inf. Rep. LAU-X-131E. 16 p. [Français : voir *Développement de la densité...*] ②

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Bernier, P.; Simard, M.; Paré D.; Bergeron, Y. 2008. Paludification des sites forestiers sur les basses-terres de la Baie James : un phénomène à gérer. Fiche technique n° 7, Chaire en aménagement forestier durable, Université du Québec en Abitibi-Témiscamingue. ②

Aménagement durable des forêts

Burton, C.M.; Burton, P.J.; Hebda, R.J.; Turner, N.J. 2006. Determining the optimal sowing density for a mixture of native plants used to revegetate degraded ecosystems. *Restor. Ecol.* 14(3):379–390. ⑤

Burton, P.J. 2006. Managing for wild berries. Pages 114–122 in W. Cocksedge, compiler. *Incorporating non-timber forest products into sustainable forest management: an overview for forest managers*. Royal Roads University, Victoria, B.C. 233 p. ⑤

Burton, P.J.; Messier, C.; Adamowicz, W.L.; Kuuluvainon, T. 2006. Sustainable management of Canada's boreal forests: Progress and prospects. *Ecoscience* 13(2):234–248. ⑤

Howlett, M.; Rayner, J.; Wellstead, A.M. 2008. National forest planning and sustainability concerns: the international influence. Chapter 4, pages 71–93 in C. Gore and P. Stoett, eds. *Environmental challenges and opportunities: local–global perspectives on Canadian issues*. Emond Montgomery Publications Ltd., Toronto, Ont. 300 p. ④

Klimaszewski, J.; Langor, D.W.; Work, T.T.; Hammond, J.H.E.; Savard, K. 2008. Smaller and more numerous harvesting gaps emulate natural forest disturbances: a biodiversity test case using rove beetles (Coleoptera, Staphylinidae). *Divers. Distrib.* 14: 969–982. ②

Kra, K.D.; Klimaszewski, J.; Mamadou, D.; Daouda, A.; Mamadou, D. 2008. Comparing beetle abundance and diversity values along a land use gradient in tropical Africa (Oumé, Ivory Coast). *Zool. Stud.* 47:429–437. ②

Langor, D.W.; Hammond, H.E.J.; Spence, J.R.; Jacobs, J.; Cobb, T.P. 2008. Saproxylic insect assemblages in Canadian forests: diversity, ecology, and conservation. *Can. Entomol.* 140(4): 453–474. ④

NRCAN, CFS. 2007. Model Forest News [various articles]. *For. Chron.* 83(6):798–800. ⑥

Simard, M.; Lecomte, N.; Bergeron, Y.; Bernier, P.Y.; Paré, D. 2008. Un aménagement écosystémique de la pessière du nord de la ceinture d'argile québécoise : gérer la forêt... mais surtout les sols. Pages 269–301 *dans* Aménagement écosystémique en forêt boréale, publié sous la dir. de S. Gauthier, M.-A. Vaillancourt, A. Leduc, L. De Grandpré, D. Kneeshaw, H. Morin, P. Drapeau et Y. Bergeron. Les Presses de l'Université du Québec, Québec (Québec). ②

Smith, N.R.; Kishchuk, B.E.; Mohn, W.W. 2008. Effects of wildfire and harvest disturbances on forest soil bacterial communities. *Appl. Environ. Microbiol.* 74(1):216–224. ④

Work, T.T.; Koivula, M.; Klimaszewski, J.; Langor, D.; Spence, J.; Sweeney, J.; Hébert, C. 2008. Evaluation of carabid beetles as indicators of forest change in Canada. *Can. Entomol.* 140: 393–414. ② ④

Miscellaneous

Effectiveness of sodium hypochlorite against spores of *Penicillium brevicompactum* in an insect rearing facility. 2007. Ebling, P.M. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Inf. Rep. GLC-X-8. 9 p. [Français : voir *Efficacité...*] ③

Efficacité de l'hypochlorite de sodium pour l'inactivation des spores de *Penicillium brevicompactum* dans une installations d'élevage d'insectes. 2007. Ebling, P.M. RNCAN, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). Rapport d'information GLC-X-8. 9 p. [English : see *Effectiveness...*] ③

Evolving challenges and changing expectations for forestry extension and technology transfer: meeting the needs of people and forests around the globe. 2008. Smith, G.K.M.; Buse, L.J., compilers. Ontario Ministry of Natural Resources, Ontario Forest Research Institute, Sault Ste. Marie, Ont. For. Res. Inf. Pap. 172. 74 p. ③

Northern Forestry Centre publications, 2004–2007. [Online only]. 2008. Lefebvre, E.M. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. Inf. Rep. NOR-X-411E. [Français : voir *Publications du Centre de foresterie...*]

Divers

Publications du Centre de foresterie du Nord, 2004–2007. [En ligne seulement]. 2008. Lefebvre, E.M. RNCAN, SCF, Centre de foresterie du Nord, Edmonton (Alberta). Rapport d'information NOR-X-411F. [English: see *Northern Forestry Centre...*]

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Abou-Zaid, M.M.; Nozzolillo, C.; Tonon, A.; Coppens, M.D.; Lombardo, D.A. 2008. High-performance liquid chromatography characterization and identification of antioxidant polyphenols in maple syrup. *Pharm. Biol.* 46:117–125. ③

Smith, G.K.M.; Pineau, J.F.; Bell, F.W. 2008. Knowledge transfer and extension in the Canadian Ecology Centre–Forestry Research Partnership: from awareness to uptake. *For. Chron.* 84:748–755. ③

CFS Web sites

Canadian Forest Service Bookstore
bookstore.cfs.nrcan.gc.ca

Metafore2.ca
metafore2.nrcan-nrcan.gc.ca

Biotechnology and Bioproducts
cfs.nrcan.gc.ca/forestresearch/subjects/biotechnology

Canada's National Forest Inventory
cfs.nrcan.gc.ca/subsite/canfi/home

Canada Wood
cfs.nrcan.gc.ca/subsite/canada-wood

Canadian Wildland Fire Information System
cwfis.cfs.nrcan.gc.ca/en/index_e.php

Federal Mountain Pine Beetle Program
mpb.cfs.nrcan.gc.ca/index_e.html

National Research Forests
cfs.nrcan.gc.ca/subsite/researchforests

Sites Web du SCF

Librairie du Service canadien des forêts
librairie.scf.nrcan.gc.ca

Metafore2.ca
metafore2.nrcan-nrcan.gc.ca

Biotechnologie et Bioproducts
scf.nrcan.gc.ca/rechercheforestiere/sujets/biotechnologie

Inventaire forestier national du Canada
scf.nrcan.gc.ca/soussite/canfi/home

Produits de bois canadien
scf.nrcan.gc.ca/soussite/bois-canadien/accueil

Système canadien d'information sur les feux de végétation
cwfis.cfs.nrcan.gc.ca/fr/index_f.php

Programme fédéral sur le dendroctone du pin
mpb.cfs.nrcan.gc.ca/index_f.html

Forêts expérimentales nationales
scf.nrcan.gc.ca/soussite/foretsnationales/foretsnationales

A Vision for Canada's Forests: *2008 and Beyond*

A Vision for Canada's Forests: 2008 and Beyond was released by the Canadian Council of Forest Ministers in December 2008. The Vision reaffirms Canada's continuing commitment to sustainable forest management. It also highlights two priorities of national importance: forest sector transformation and climate change. The Vision sets progressive goals and outcomes designed to engage organizations, individuals, and governments to work individually and as partners to help advance the Vision and its key priorities.

For further information, please visit www.ccfm.org.

Une vision pour les forêts du Canada : *2008 et au-delà*

Le document intitulé *Une vision pour les forêts du Canada : 2008 et au-delà* a été publié par le Conseil canadien des ministres des forêts en décembre 2008. Cette vision témoigne de l'engagement continu du pays envers l'aménagement durable des forêts. Elle met également l'accent sur deux priorités actuelles d'importance nationale : la transformation du secteur forestier ainsi que les changements climatiques. L'accent est mis sur des objectifs et des résultats progressistes conçus pour encourager les organisations, les particuliers et les gouvernements à travailler individuellement et en concertation afin de faire progresser cette vision et ses principales priorités.

Pour obtenir de plus amples renseignements, veuillez consulter le site suivant : www.ccmf.org.



Canadian Council
of Forest
Ministers



Conseil canadien
des ministres
des forêts

Some associated sites

Canadian Council of Forest Ministers
ccfm.org/english/index.asp

First Nations Forestry Program
cfs.nrcan.gc.ca/subsite/fnfp/home

National Forestry Database
nfdp.ccfm.org/index_e.php

Quelques sites associés

Conseil canadien des ministres des forêts
ccmf.org/francais/index.asp

Programme forestier des Premières nations
scf.nrcan.gc.ca/soussite/pfnp/accueil

Base de données nationale sur les forêts
pnfd.ccmf.org/index_f.php

Priced Publications

Publications tarifées

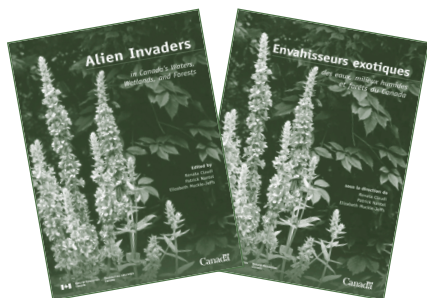
Canadian Government Publishing / Les Éditions du gouvernement du Canada

These publications are available through associated bookstores and other booksellers or by mail from:

Canadian Government Publishing
Ottawa, Ontario K1A 0S9
Tel.: 613-941-5995; Canada & US 1-800-635-7943
Fax: 613-954-5779; Canada & US 1-800-565-7757
Internet: publications.gc.ca
E-mail: publications@pwgsc.gc.ca

Les publications suivantes sont en vente par l'entremise des librairies associées et autres librairies, ou par la poste auprès des :

Éditions du gouvernement du Canada
Ottawa (Ontario) K1A 0S9
Tél. : 613-941-5995; Canada et É.-U. 1-800-635-7943
Fax : 613-954-5779; Canada et É.-U. 1-800-565-7757
Internet : publications.gc.ca
Courriel : publications@tpsgc.gc.ca



Alien invaders in Canada's waters, wetlands, and forests. 2002. Claudi, R.; Nantel, P.; Muckle-Jeffs, E.; eds. 60 color photos and maps. 320 p. Cat. No. Fo42-329/2002E.

ISBN 0-660-18825-2. \$30.00

Envahisseurs exotiques des eaux, milieux humides et forêts du Canada. 2002. Sous la dir. de R. Claudi, P. Nantel et E. Muckle-Jeffs. 60 photos couleurs et cartes. 320 p. N° de cat. Fo42-329/2002F.

ISBN 0-660-96686-7. 30,00 \$



Forest insect pests in Canada. 1995. Armstrong, J.A.; Ives, W.G.H.; eds. 134 color photos; 56 black & white photos; 112 illus. 742 p. Cat. No. Fo42-235/1995E.

ISBN 0-660-15945-7. \$69.95

Insectes forestiers ravageurs au Canada. 1995. Sous la dir. de J.A. Armstrong et W.G.H. Ives. 134 photos couleurs; 56 photos noir et blanc; 112 illustr. 732 p. N° de cat. Fo42-235/1995F.

ISBN 0-660-94939-3. 69,95 \$



Insects of eastern spruces, fir and hemlock. 1994. Rose, A.H.; Lindquist, O.H. Revised by P. Syme. 200 color photos. 159 p. Cat. No. Fo64-23/1994E.

ISBN 0-660-15112-X. \$39.95

PDF available at bookstore.cfs.nrcan.gc.ca

Insectes des épinettes, du sapin et de la pruche de l'est du Canada. 1994. Rose, A.H.; Lindquist, O.H. Révisé par P. Syme. 200 photos couleurs. 159 p. N° de cat. Fo64-23/1994F.

ISBN 0-660-94228-3. 39,95 \$

Disponible en format PDF à librairie.scf.nrcan.gc.ca



Tree diseases of eastern Canada. 1994. Myren, D.T.; Laflamme, G.; Singh, P.; Magasi, L.P.; Lachance, D.; eds. 276 color photos. 168 p. Cat. No. Fo42-186/1994E.

ISBN 0-660-14936-2. PDF available at bookstore.cfs.nrcan.gc.ca

Maladies des arbres de l'est du Canada. 1994. Myren, D.T.; Laflamme, G.; Singh, P.; Magasi, L.P.; Lachance, D., réd. 276 photos couleurs. 159 p. N° de cat. Fo42-186/ 1994F.

ISBN 0-660-94154-6. 51,95 \$

Disponible en format PDF à librairie.scf.nrcan.gc.ca

Les Presses de l'Université du Québec

Publications vendues par l'entremise de :

Les Presses de l'Université du Québec
Commande en ligne : www.puq.ca/fr/

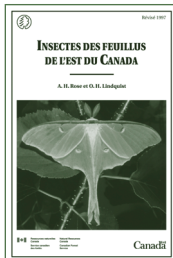


Aménagement écosystémique en forêt boréale. 2008. Sous la dir. de S. Gauthier, M.-A. Vaillancourt, A. Leduc, L. De Grandpré, D. Kneeshaw, H. Morin, P. Drapeau et Y. Bergeron. Les Presses de l'Université du Québec, Québec (Québec). 600 p.
ISBN 978-2-7605-1525-3. 69 \$.

Les Presses de l'Université Laval

Publications vendues par l'entremise du distributeur :

Les Presses de l'Université Laval —
Les Éditions de l'IQRC
Bureau 3103, Pavillon Maurice-Pollack
Cité universitaire
Sainte-Foy (Québec) G1K 7P4
Tél. : 418-656-2803
Fax : 418-656-3305



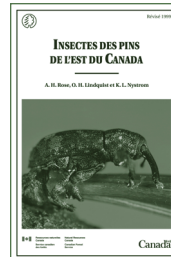
Insectes des feuillus de l'est du Canada. 1997. Rose, A.H.; Lindquist, O.H. Révisé par K.L. Nystrom. 506 photos couleurs. 304 p.

ISBN 0-660-95565-2. 45,95 \$
Disponible en format PDF à librairie.scf.rncan.gc.ca



Insectes du mélèze, du thuya et du genévrier de l'est du Canada. 2000. Rose, A.H.; Lindquist, O.H.; Nystrom, K.L. 150 photos couleurs. 104 p.

ISBN 0-660-96300-0. 32,95 \$
Disponible en format PDF à librairie.scf.rncan.gc.ca



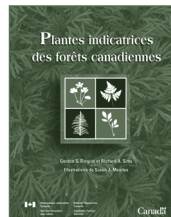
Insectes des pins de l'est du Canada. 1999. Rose, A.H.; Lindquist, O.H.; Nystrom K.L. 190 photos couleurs. 128 p.

ISBN 0-660-96116-4. 35,95 \$
Disponible en format PDF à librairie.scf.rncan.gc.ca



Méthode canadienne de prévision du comportement des incendies de forêt (PCI) : guide de l'utilisateur. 2000. Hirsch, K.G. RNCAN, SCF, Centre de foresterie du Nord, Edmonton (Alberta). Rapport spécial 7. 51 illustrations; 19 tableaux. 122 p.

ISBN 0-660-96402-3. 14,95 \$



Plantes indicatrices des forêts canadiennes. 1997, 1998. Ringius, G.S.; Sims, R.A. Illustré par S.J. Meades. 180 illustrations botaniques; 80 cartes de répartition. 217 p.

Reliure souple : ISBN 0-660-95508-3. 19,95 \$
Reliure toile : ISBN 0-660-95958-5. 39,95 \$

University of British Columbia (UBC) Press

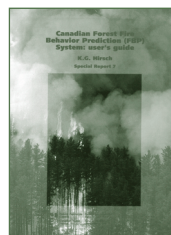
These publications are available directly from the distributor at the following address:

UBC Press
c/o UTP Distribution
5201 Dufferin Street
Toronto, Ontario M3H 5T8
Phone orders: 1-800-565-9523 or 416-667-7791
Fax orders: 1-800-221-9985 or 416-667-7832
E-mail: utpbooks@utpress.utoronto.ca



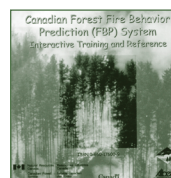
Aboriginal plant use in Canada's north-west boreal forest. 2000. Marles, R.J.; Clavelle, C.; Monteleone, L.; Tays, N.; Burns, D. 200 color photos. 256 p.

Cloth: ISBN 0-7748-0737-7. \$75.00
Paper: ISBN 0-7748-0738-5. \$25.95



Canadian Forest Fire Behavior Prediction (FBP) System: interactive training and reference. 1998. Hirsch, K.G. Interactive, multimedia CD-ROM.

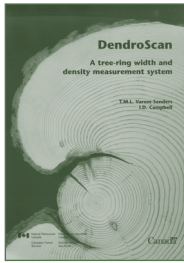
ISBN 0-660-176 00-9. \$129.95



Canadian Forest Fire Behavior Prediction (FBP) System: user's guide. 1996. Hirsch, K.G. 51 figs; 19 tables. 122 p.

ISBN 0-660-16389-6. \$14.95

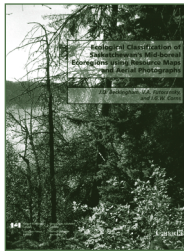
University of British Columbia (UBC) Press



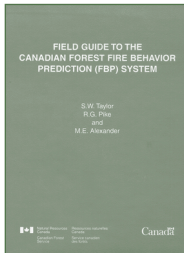
DendroScan: a tree-ring width and density measurement system. 1996. Varem-Sanders, T.M.L.; Campbell, I.D. Spec. Rep. 10. Includes DOS-formatted disk and a precalibrated precision wedge. 131 p. ISBN 0-660-16659-3. \$99.95



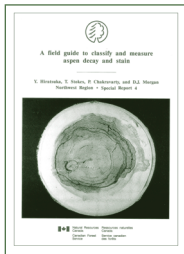
Distribution of severe dwarf mistletoe damage in west-central Canada. 1998. Brandt, J.P.; Brett, R.D.; Knowles, K.R.; Sproule, A. Spec. Rep. 13. Includes maps and CD-ROM with Arc/Info file; 16 color figs. 27 p. ISBN 0-660-17533-9. \$29.95



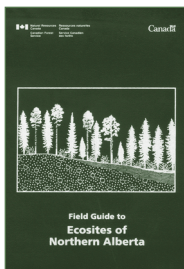
Ecological classification of Saskatchewan's mid-boreal ecoregions using resource maps and aerial photographs. 1999. Beckingham, J.D.; Futoransky, V.A.; Corns, I.G.W. Spec. Rep. 14. 5 aerial photo stereograms. 83 p. ISBN 0-660-17864-8. \$19.95



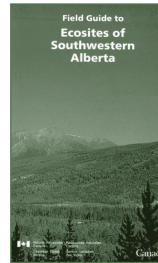
Field guide to the Canadian Forest Fire Behavior Prediction (FBP) System. 1997. Taylor, S.W.; Pike, R.G.; Alexander, M.E. 16 color photos. 60 p. Paper: ISBN 0-660-17100-7. \$19.95 Binder: ISBN 0-660-17099-X. \$24.95



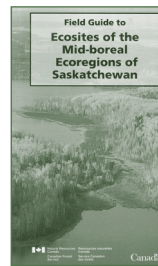
A field guide to classify and measure aspen decay and stain. 1995. Hiratsuka, Y.; Stokes, T.; Chakravarty, P.; Morgan, D.J. 31 photos; 6 figs. 27 p. ISBN 0-660-16039-0. \$9.95



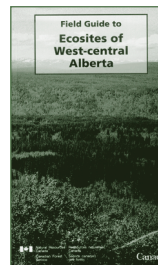
Field guide to ecosites of northern Alberta. 1996. Beckingham, J.D.; Archibald, J.H. Spec. Rep. 5. 88 color photos; 88 botanical drawings; 24 figs; 1 folded map. 528 p. Paper: ISBN 0-660-16369-1. \$29.95 Binder: ISBN 0-660-16386-1. \$34.95



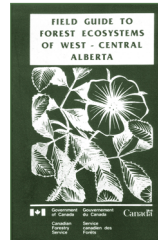
Field guide to ecosites of southwestern Alberta. 1996. Archibald, J.H.; Klappstein, G.D.; Corns, I.G.W. Spec. Rep. 8. 113 photos; 112 botanical drawings; 24 figs. 492 p. Paper: ISBN 0-660-16439-6. \$29.95 Binder: ISBN 0-660-16440-X. \$34.95



Field guide to ecosites of the mid-boreal ecoregions of Saskatchewan. 1996. Beckingham, J.D.; Nielsen, D.G.; Futoransky, V.A. Spec. Rep. 6. 109 color photos; 103 botanical drawings; 33 figs. 464 p. Paper: ISBN 0-660-16387-X. \$29.95 Binder: ISBN 0-660-16388-8. \$34.95



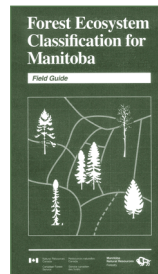
Field guide to ecosites of west-central Alberta. 1996. Beckingham, J.D.; Corns, I.G.W.; Archibald, J.H. Spec. Rep. 9. 111 color photos; 106 botanical drawings; 40 figs.; 1 folded map. 540 p. Paper: ISBN 0-660-16441-8. \$29.95 Binder: ISBN 0-660-16442-6. \$34.95



Field guide to forest ecosystems of west-central Alberta. 1986. Corns, I.G.W.; Annas, R.M. 80 photos; 80 botanical drawings; 1 folded map. 251 p. ISBN 0-662-14644-1. \$19.95

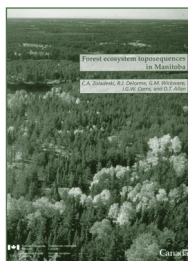


A field guide to forest insects and diseases of the prairie provinces. 2004. Hiratsuka, Y.; Langor, D.W.; Crane, P.E. 2nd ed. Spec. Rep. 3. 582 color photos. 297 p. ISBN 0-660-19368-X. \$29.95



Forest ecosystem classification for Manitoba: field guide. 1995. Zoladeski, C.A.; Wickware, G.M.; Delorme, R.J.; Sims, R.A.; Corns, I.G.W. Spec. Rep. 2. 60 botanical drawings. 205 p. Paper: ISBN 0-660-15944-9. \$24.95 Binder: ISBN 0-660-15944-X. \$29.95

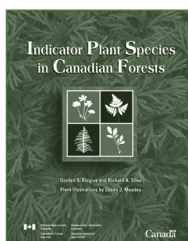
University of British Columbia (UBC) Press



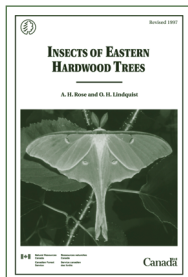
Forest ecosystem toposequences in Manitoba. 1998. Zoladeski, C.A.; Delorme, R.J.; Wickware, G.M.; Corns, I.G.W.; Allan, D.T. Spec. Rep. 12. 12 photos; 10 air photostereographs; 1 map; 20 drawings; 10 figs. 63 p.
ISBN 0-662-26614-5. \$19.95



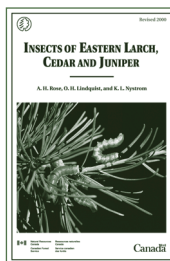
Forest tree diseases of the prairie provinces. 1987. Hiratsuka, Y. 189 color photos. 142 p.
ISBN 0662-15281-6. \$34.95



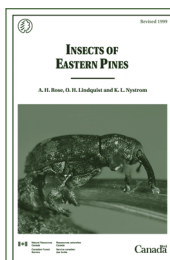
Indicator plant species in Canadian forests. 1997/1998. Ringius, G.S.; Sims, R.A. Illustrated by S.J. Meades. 180 botanical drawings; 80 range maps. 224 p.
Cloth: ISBN 0-660-174 69-3. \$39.95
Paper: ISBN 0-660-16823-5. \$19.95



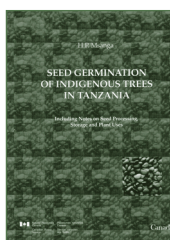
Insects of eastern hardwood trees. 1997. Rose, A.H.; Lindquist, O.H. Revised by K.L. Nystrom. 506 color photos. 304 p.
ISBN 0-660-16903-7. \$45.95
PDF available at
bookstore.cfs.nrcan.gc.ca



Insects of eastern larch, cedar and juniper. 2000. Rose, A.H.; Lindquist, O.H.; Nystrom, K.L. 150 color photos. 104 p.
ISBN 0-660-18074-X. \$32.95
PDF available at
bookstore.cfs.nrcan.gc.ca



Insects of eastern pines. 1999. Rose, A.H.; Lindquist, O.H.; Nystrom, K.L. 190 color photos. 128 p.
ISBN 0-660-17720-X. \$35.95
PDF available at
bookstore.cfs.nrcan.gc.ca



Seed germination of indigenous trees in Tanzania. 1998. Msanga, H.P. 18 photos; 142 drawings. 292 p.
ISBN 0-660-17707-2. \$24.95



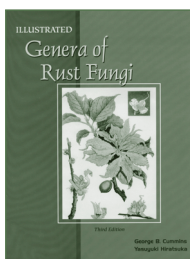
Tree and shrub insects of the prairie provinces. 1988. Ives, W.G.H.; Wong, H.R. 1100 color photos; 12 figs. 327 p.
ISBN 0-662-15770-2. \$39.95

Miscellaneous Publishers / Autres éditeurs

The American Phytopathological Society

This publication is available directly from the publisher:

APS Press Headquarters
3340 Pilot Knob Road
Saint Paul, Minnesota, 55121-2097 USA
Tel.: 651-454-7250; 1-800-328-7560
Fax: 651-454-0766
E-mail: aps@sciosoc.org
Online order: [www.shopapspress.org/
ilgerufued.html](http://www.shopapspress.org/ilgerufued.html)



Illustrated genera of rust fungi. 3rd ed. 2003. Cummins, G.B.; Hiratsuka, Y. 53 color illustrations; 134 black & white illustrations. 223 p.
ISBN 0-89054-304-6. US\$65.00

Miscellaneous Publishers / Autres éditeurs

CRC Press

This priced publication is available directly from the publisher:

CRC Press
6000 Broken Sound Parkway, NW, Suite 300
Boca Raton, Florida 33487
Tel.: 1-800-272-7737
E-mail: orders@crcpress.com
Online order: www.crcpress.com

Crown Publications

This publication is available directly from the distributor or at its storefront, both at the following address:

Crown Publications
521 Fort Street
Victoria, British Columbia V8W 1E7
Tel.: 250-386-4636
E-mail: crown@pinc.com

Forest Gene Conservation Association

This publication is available directly from the distributor:

Forest Gene Conservation Association
Suite 233, 266 Charlotte Street
Peterborough, Ontario K9J 2V4
Tel.: 705-755-3284
Fax: 705-755-3292

Partners in Protection

This publication is available directly from the publisher:

Partners in Protection
P.O. Box 45047
Landsdowne Postal Station
Edmonton, Alberta T6H 3S0
Tel.: 780-435-7312
Download: www.partnersinprotection.ab.ca

Pensoft Publishers

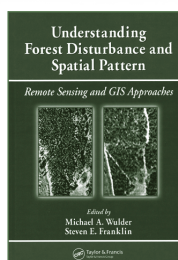
This publication is available directly from the bookstore below:

NHBS Environment Bookstore
2-3 Wills Road
Totnes, Devon TQ9 5XN UK
Tel.: +44 (0)1803 865913
Fax : +44 (0)1803 865280
Email : customer.services@nhbs.co.uk
Online order: www.nhbs.com/services/pensoft.html

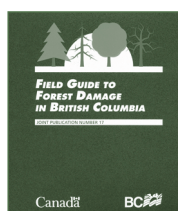
Pensoft Publishers

This publication is available directly from the publisher:

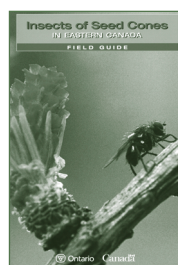
Pensoft Publishers
Online order: www.pensoft.net/



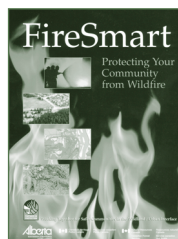
Understanding forest disturbance and spatial pattern: remote sensing and GIS approaches. 2006. Wulder, M.A.; Franklin, S.E., eds. 246 p.
ISBN 084933425X. US\$99.95



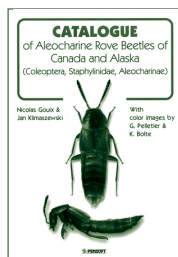
Field guide to forest damage in British Columbia. 1999. Henigman, J.; Ebata, T.; Allen, E.; Holt, J.; Pollard, A.; eds. Joint Pub. 17. Color photos. 348 p.
Binder: ISBN 0-7726-3866-7. \$40.00



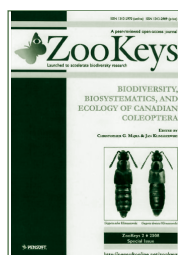
Insects of seed cones in eastern Canada: field guide. 2005. Turgeon, J.J.; de Groot, P.; Sweeney, J.D. 127 p.
ISBN 0-662-35099-5. \$20.00



FireSmart: protecting your community from wildfire. 2nd ed. 2003. 165 p.
ISBN 0-662-34064-7. \$15.00, including shipping.



Catalogue of aleocharine rove beetles of Canada and Alaska (Coleoptera, Staphylinidae, Aleocharinae). 2007. Gouix, N.; Klimaszewski, J. 17 color plates. 165 p.
ISBN 978-954-642-294-1. £58.50 (about \$120.00)



Biodiversity, biosystematics, and ecology of Canadian Coleoptera, ZooKeys 2 (Special Issue). 2008. Majka, C.G.; Klimaszewski, J., eds. Pensoft Publishers, Sofia and Moscow.
406 p. ISBN 978-954-642-451-8. 84 Euros.

Miscellaneous Publishers / Autres éditeurs

Springer

This book is available directly from the publisher:

Springer
333 Meadowlands Parkway
Secaucus, New Jersey, 07094 USA
E-mail: service-ny@springer.com

Springer Distribution Centre

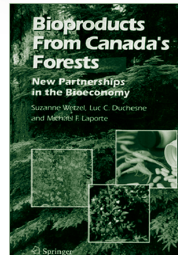
This publication is available directly from the distributor:

Springer Distribution Center
GmbH Haberstr. 7
Heidelberg Germany 69126
Fax: +49 (0) 6221-345-4229
E-mail: SDC-bookorder@springer.com

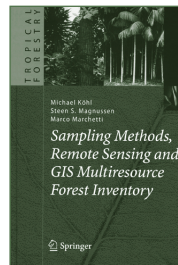
University of Alberta Press

This publication is available directly from the distributor at the following address:

University of Alberta Press
Georgetown Terminals Warehouses
34 Armstrong Avenue
Georgetown, Ontario L7G 4R9
Tel: 905-873-9781; 1-877-864-8477
Fax: 905-873-6170; 1-877-864-4272
E-mail: orders@gtwcanada.com



Bioproducts from Canada's forests: new partnerships in the bioeconomy. 2006. Wetzel, S.; Duchesne, L.C.; Laporte, M.F. 257 p.
ISBN 978-1-4020-4991-0. \$US139.00

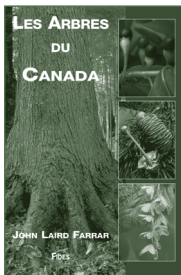


Sampling methods, remote sensing and GIS multiresource forest inventory. 2006. Köhl, M.; Magnussen, S.; Marchetti, M., eds. 374 p.
ISBN 978-3-540-32571-0. \$200.00

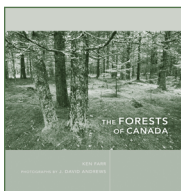


Rare vascular plants of Alberta. 2001. Kershaw, L.; Gould, J.; Johnson, D.; Lancaster, J.; eds. 415 color photos, 480 drawings, 528 p.
Cloth: ISBN 0-88864-380-2. \$75.00
Paper: ISBN 0-88864-319-5. \$29.95

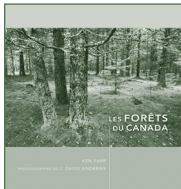
At Your Local Bookseller / Dans toute bonne librairie



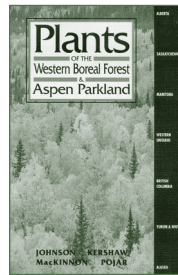
Les Arbres du Canada. 1996. Farrar, J.L. 580 photos couleurs; 1600 illustrations botaniques; 136 cartes de répartition. 512 p. Couverture rigide : ISBN 2-7621-1824-7. 39,95 \$*



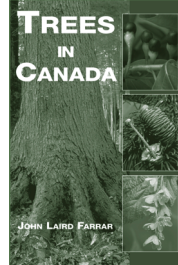
The forests of Canada. 2003. Farr, K. 150 color photos. 152 p.
ISBN 0-660-19004-4. \$39.95**



Les Forêts du Canada. 2003. Farr, K. 150 photos couleurs. 152 p.
ISBN 0-660-96807-X. 39,95 \$**



Plants of the western boreal forest and aspen parkland. 1995. Johnson, D.; Kershaw, L.; MacKinnon, A.; Pojar, J. 800 color photos; 900 line drawings. 392 p.
ISBN 1-55105-058-7. \$24.95***



Trees in Canada. 1995. Farrar, J.L. 580 color photos; 1600 botanical drawings; 136 range maps. 512 p.
Cloth: ISBN 1-55041-199-3.
\$50.00**

* Distribué par Éditions Fides, 165, rue Deslauriers, Saint-Laurent (Québec) H4N 2S4. Courriel : editions@fides.qc.ca

** Distributed by Fitzhenry & Whiteside Limited, 195 Allstate Parkway, Markham, Ontario L3R 4T8. E-mail: godwit@fitzhenry.ca

*** Distributed by Lone Pine Publishing, 10145-81 Ave., Edmonton, Alberta T6E 1W9. E-mail: info@lonepinepublishing.com

Canadian Forest Service free publications may be ordered from the CFS Online Bookstore or by mail, fax, phone, and e-mail from the research establishment that publishes them. The originating establishment is indicated with a circled number after each publication cited in this issue.

Publications Digest is prepared and published by Science and Programs Branch, HQ, Canadian Forest Service, Ottawa. Copies may be obtained free of charge from Natural Resources Canada (address © below). PDF available from the CFS Online Bookstore.

Editor/Compiler: Francine Bérubé
Text Editor: Paula Irving
Graphic Designer: Julie Piché

Pour obtenir une publication gratuite du Service canadien des forêts, il faut la commander à partir de la librairie virtuelle du SCF, ou par la poste, par fax, par téléphone ou par courriel, à l'établissement de recherche qui l'a publiée. L'établissement d'origine est indiqué par un numéro encerclé à la fin de chaque publication mentionnée dans ce numéro de l'*Abrégé*.

L'Abrégé des publications est publié par la Direction des sciences et des programmes du Service canadien des forêts à l'administration centrale, à Ottawa. Pour obtenir gratuitement des exemplaires de cette publication, veuillez vous adresser à Ressources naturelles Canada (adresse © ci-dessous). PDF disponible dans la librairie virtuelle du SCF.

Révision – compilation : Francine Bérubé
Révision du texte : Claire Despins
Conception graphique : Julie Piché

Bookstore: bookstore.cfs.nrcan.gc.ca

- ① **Natural Resources Canada, Canadian Forest Service
Atlantic Forestry Centre**
P.O. Box 4000
Fredericton, New Brunswick E3B 5P7
Tel.: 506-452-3500 Fax: 506-452-3525
- ② **Natural Resources Canada, Canadian Forest Service
Laurentian Forestry Centre**
1055 rue du P.E.P.S., P.O. Box 10380, Station Sainte-Foy
Québec, Quebec G1V 4C7
Tel.: 418-648-3524 Fax: 418-648-2529
- ③ **Natural Resources Canada, Canadian Forest Service
Great Lakes Forestry Centre**
1219 Queen Street East
Sault Ste. Marie, Ontario P6A 2E5
Tel.: 705-949-9461 Fax: 705-541-5700
E-mail: glfcweb@nrcan.gc.ca
- ④ **Natural Resources Canada, Canadian Forest Service
Northern Forestry Centre**
5320–122nd Street
Edmonton, Alberta T6H 3S5
Tel.: 780-435-7365 Fax: 780-435-7359
- ⑤ **Natural Resources Canada, Canadian Forest Service
Pacific Forestry Centre**
506 West Burnside Road
Victoria, British Columbia V8Z 1M5
Tel.: 250-363-0600 Fax: 250-363-0775
E-mail: nperreau@nrcan.gc.ca
- ⑥ **Natural Resources Canada, Canadian Forest Service
Headquarters**
580 Booth Street, 15th Floor
Ottawa, Ontario K1A 0E4
Tel. 1-800-387-2000 Fax: 613-740-3114
E-mail: cfs-scf@nrcan.gc.ca

Librairie : librairie.scf.nrcan.gc.ca

- ① **Ressources naturelles Canada, Service canadien des forêts
Centre de foresterie de l'Atlantique**
C.P. 4000
Fredericton (Nouveau-Brunswick) E3B 5P7
Tél. : 506-452-3500 Fax : 506-452-3525
- ② **Ressources naturelles Canada, Service canadien des forêts
Centre de foresterie des Laurentides**
1055, rue du P.E.P.S., C.P. 10380, Succursale Sainte-Foy
Québec (Québec) G1V 4C7
Tél. : 418-648-3524 Fax : 418-648-2529
- ③ **Ressources naturelles Canada, Service canadien des forêts
Centre de foresterie des Grands Lacs**
1219 Queen Street East
Sault Ste. Marie (Ontario) P6A 2E5
Tél. : 705-949-9461 Fax : 705-541-5700
Courriel : glfcweb@nrcan.gc.ca
- ④ **Ressources naturelles Canada, Service canadien des forêts
Centre de foresterie du Nord**
5320–122nd Street
Edmonton (Alberta) T6H 3S5
Tél. : 780-435-7365 Fax : 780-435-7359
- ⑤ **Ressources naturelles Canada, Service canadien des forêts
Centre de foresterie du Pacifique**
506 West Burnside Road
Victoria (Colombie-Britannique) V8Z 1M5
Tél. : 250-363-0600 Fax : 250-363-0775
Courriel : nperreau@nrcan.gc.ca
- ⑥ **Ressources naturelles Canada, Service canadien des forêts
Administration centrale**
580, rue Booth, 15^e étage
Ottawa (Ontario) K1A 0E4
Tél. : 1-800-387-2000 Fax : 613-740-3114
Courriel : cfs-scf@nrcan.gc.ca