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CANADIAN FOREST SERVICE

# Publications Digest

SERVICE CANADIEN DES FORÊTS

# Abrégé des publications



VOLUME 19, 2009

Canada

## CANADIAN FOREST SERVICE SCIENCE-POLICY NOTES NOTES DU SERVICE CANADIEN DES FORÊTS SUR LA SCIENCE ET LES POLITIQUES

The Canadian Forest Service, Natural Resources Canada, is pleased to present its latest Canadian Forest Service Science-Policy Note **“Is Canada’s Boreal Forest Ancient?”**. These notes analyze current science-policy issues relevant to the forest sector.

They are available in the Bookstore, [www.bookstore.cfs.nrcan.gc.ca](http://www.bookstore.cfs.nrcan.gc.ca), in a PDF format file, and on the Canadian Forest Service Web site, [cfs.nrcan.gc.ca/news/source/19](http://cfs.nrcan.gc.ca/news/source/19).

To be notified when the next issue is available, contact [fberube@nrcan.gc.ca](mailto:fberube@nrcan.gc.ca).

Le Service canadien des forêts de Ressources naturelles Canada est fier de présenter sa dernière Notes sur la science et les politiques « **Peut-on qualifier d’ancienne la forêts boréale du Canada?** ». Ces notes analysent des questions d’actualité concernant le secteur des forêts.

Elles sont disponibles en format PDF dans notre librairie, [www.librairie.scf.nrcan.gc.ca](http://www.librairie.scf.nrcan.gc.ca), et sur le site Web du Service canadien des forêts, [scf.nrcan.gc.ca/nouvelles/source/19](http://scf.nrcan.gc.ca/nouvelles/source/19).

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## Current Map of the North American Boreal Zone Carte actuelle de la zone boréale nord-américaine

**The extent of the North American boreal zone.** 2009. Brandt, J.P. Environmental Reviews 17(1):101–161.

The circumpolar boreal zone is one of the world’s major biogeoclimatic zones, covering much of North America and Eurasia with forests, woodlands, wetlands, and lakes. It regulates climate, acts as a reservoir for biological and genetic diversity, plays a key role in biogeochemical cycles, and provides renewable resources, habitat, and recreational opportunities.

This paper reviews the literature on the phytogeography of the zone and makes use of a geographic information system (GIS) and published maps to delineate a current map of the North American boreal zone and the hemiboreal subzone.

La zone boréale circumpolaire constitue une des zones biogéoclimatiques les plus importantes du monde et comprend une bonne partie des forêts, des milieux boisés, des terres humides et des lacs de l’Amérique du Nord et de l’Eurasie. Elle régularise le climat, agit comme réservoir de diversité biologique et génétique, joue un rôle clé dans les cycles biogéochimiques et fournit des ressources renouvelables, des habitats et des possibilités récréatives.

Cet article présente une analyse documentaire de la phytogéographie de la zone. Le système d’information géographique (SIG) ainsi que des cartes publiées ont été utilisés pour délimiter une carte actuelle de la zone boréale nord-américaine et de la sous-zone hémiboréale.



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**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](http://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 29–35.

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 2009 and those not previously mentioned in *The Publications Digest*.

**L'Abbrégé 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'*Abbrégé*. On peut commander les publications à partir de la librairie en ligne du SCF ([librairie.scf.nrcan.gc.ca](http://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 en ligne du SCF. Les publications tarifées sont énumérées aux pages 29 à 35.

Un résumé ou une courte description et/ou un fichier en format PDF de la publication est parfois offert dans la librairie en ligne 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 2009 et les précédentes qui n'ont pas été mentionnées dans l'*Abbrégé*.

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**L'Anneau olympique de Richmond : Une vitrine internationale pour les produits du bois canadiens.** [En ligne seulement]. 2009. RNCAN, Administration centrale, Ottawa. 1 p. [English: see *The Richmond Olympic Oval...*]

**Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides.** 2009. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). N° 17. 2 p. [English: see *In Brief...* No.17.] ②

**Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides.** 2009. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). N° 18. 2 p. [English: see *In Brief...* No.18.] ②

**Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides.** 2009. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). N° 19. 2 p. [English: see *In Brief...* No.19.] ②

**In Brief from the Canadian Forest Service, Laurentian Forestry Centre.** 2009. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. No. 17. 2 p. [Français : voir *Les Brèves (...)* N° 17.] ②

**In Brief from the Canadian Forest Service, Laurentian Forestry Centre.** 2009. NRCAN, CFS, Laurentian Forestry Centre, Québec, Que. No. 18. 2 p. [Français : voir *Les Brèves (...)* N° 18.] ②

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**Bulletin du Programme des collectivités forestières, numéro 2, hiver 2009.** [En ligne seulement]. 2009. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 5 p. [English: see *Forest Communities... Winter 2009.*]

**Bulletin du Programme des collectivités forestières, numéro 3, printemps 2009.** [En ligne seulement]. 2009. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 10 p. [English: see *Forest Communities... Spring 2009.*]

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**Canadian Forest Service Science-Policy Notes. Is Canada's boreal forest ancient?** [Online only]. 2009. NRCAN, CFS, HQ, Ottawa. 4 p. [Français : voir *Notes (...)* forêt boréale du Canada?]

**Canadian Wood Fibre Centre.** 2008. NRCAN, CFS, Canadian Wood Fibre Centre, Ottawa. Brochure. 4 p. [Français : voir *Centre canadien...*] ⑥

**Centre canadien sur la fibre de bois.** 2008. RNCAN, SCF, Centre canadien sur la fibre de bois, Ottawa. Brochure. 4 p. [English: see *Canadian Wood...*] ⑥

**Élaguer, c'est bien; au bon moment, c'est mieux!** 2008. Rioux, D. RNCAN, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'Éclaircie du Service canadien des forêts, Centre de foresterie des Laurentides, n° 48. 2 p. [English: see *Pruning is good...*] ②

**e-Nouvelles du Programme forestier des Premières nations, octobre-novembre 2009.** [En ligne seulement]. 2009. RNCAN, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. 4 p. [English: see *First Nations...e-news. October/November 2009.*]

**Environmental Science Advisory Committee: 2007 Annual Report. 2009.** NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Copublished by the Department of National Defense. ⑤

**Environmental Science Advisory Committee: 2008/2009 Annual Report. 2009.** NRCAN, CFS, Pacific Forestry Centre, Victoria, B.C. Copublished by the Department of National Defense. ⑤

**Essais sylvicoles en héritage pour éclairer l'aménagement du pin tordu latifolié après l'infestation du dendroctone du pin.** 2009. RNCAN, SCF, Centre canadien sur la fibre de bois, Sault Ste. Marie (Ontario). Faits sur la fibre no 8. 2 p. [English: see *Lodgepole pine...*] ③

**L'État des forêts au Canada. Rapport annuel 2009.** 2009. RNCAN, SCF, Administration centrale, Ottawa. 55 p. [English: see *The State of Canada's Forests...*] ⑥

**First Nations Forestry Program. Annual Report 2006–2007.** 2009. NRCAN, CFS, HQ, Science and Programs Branch, and Indian and Northern Affairs Canada, Ottawa. 37 p. [Français : voir *Programme forestier (...)* Rapport annuel 2006-2007.] ⑥

**First Nations Forestry Program. Annual Report to the National Council. 2007–2008.** 2009. NRCAN, CFS, HQ, Science and Programs Branch, and Indian and Northern Affairs Canada, Ottawa. 30 p. [Français : voir *Programme forestier (...)* Rapport à l'intention...] ⑥

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**First Nations Forestry Program. Success stories.** 2009. NRCan, CFS, HQ, Science and Programs Branch, and Indian and Northern Affairs Canada, Ottawa. 76 p. [Français : voir *Programme forestier (...) Exemples de succès.*] ⑥

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**Forest Communities Program. Site Fact Sheets. 2008.** NRCan, CFS, HQ, Science and Programs Branch, Ottawa. 25 p. [Français : voir *Programme des collectivités...*] ⑥

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**Identifying and segregating veneer grade hardwoods can earn logging contractors extra revenue.** 2009. NRCan, CFS, Canadian Wood Fibre Centre, Sault Ste. Marie, Ont. Fibre Facts No. 6. 2 p. [Français : voir *Repérer et trier...*] ③

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**Information Forestry Newsletter.** August 2009. Keiran, M., ed. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 12 p. [Français : voir *Info-Forêts. Août 2009.*] ⑤

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**Lodgepole pine legacy research guides management for the post-beetle era.** 2009. NRCan, CFS, Canadian Wood Fibre Centre, Sault Ste. Marie, Ont. Fibre Facts No. 8. 2 p. [Français : voir *Essais sylvicoles...*] ③

**Notes du Service canadien des forêts sur la science et les politiques. Peut-on qualifier d'ancienne la forêt boréale**

**du Canada?** [En ligne seulement]. 2009. NRCan, SCF, Administration centrale, Ottawa. 4 p. [English: see *Canadian... Boreal Forest Ancient?*]

**Programme d'écologisation des pâtes et papiers. Guide de l'évaluation environnementale.** [En ligne seulement]. 2009. NRCan, SCF, Administration centrale, Ottawa. 45 p. [English: see *Pulp and paper...*]

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**Pruning is good, but doing it at the right time is better!** 2008. Rioux, D. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service, Laurentian Forestry Centre. No. 48. 2 p. [Français : voir *Élaguer, c'est bien...*] ②

**Pulp and paper green transformation program. Environmental assessment guide.** [Online only]. 2009. NRCan, CFS, HQ, Ottawa. 42 p. [Français : voir *Programme d'écologisation...*]

**Repérer et trier les feuillus aptes à être transformés en placages : une source potentielle de revenus additionnels pour les entrepreneurs forestiers.** 2009. NRCan, SCF, Centre canadien sur la fibre de bois, Sault Ste. Marie (Ontario). Faits sur la fibre no 6. 2 p. [English: see *Identifying and...*] ③

**Research initiative for improving the competitiveness of the hardwood industry.** 2009. NRCan, CFS, Canadian Wood Fibre Centre, Québec, Que. Fibre Facts No. 5. 2 p. [Français : voir *Une initiative de recherche...*] ②

**The Richmond Olympic Oval:** An international showcase of Canada's wood products. [Online only]. 2009. NRCan, HQ, Ottawa. 1 p. [Français : voir *L'Anneau olympique...*]

**Segregating and marketing veneer logs to the 'right' buyer increases revenue by 26%.** 2009. NRCan, CFS, Canadian Wood Fibre Centre, Sault Ste. Marie, Ont. Fibre Facts No. 7. 2 p. [Français : voir *Le triage...*] ③

**The State of Canada's Forests. Annual report 2009.** 2009. NRCan, CFS, HQ, Ottawa. 55 p. [Français : voir *L'État des forêts...*] ⑥

**Le triage et le marketing des billes de placage en fonction du « bon » acheteur fait augmenter les revenus de 26 %.** 2009. NRCan, SCF, Centre canadien sur la fibre de bois, Sault Ste. Marie (Ontario). Faits sur la fibre no 7. 2 p. [English: see *Segregating and...*] ③

## Climate Change and Atmospheric Influences

## Changements climatiques et influences atmosphériques

**Change in wood quality and fall rate of trees up to ten years after death from mountain pine beetle.** 2009. Lewis, K.J.; Thompson, D. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Working Paper 2008-30. 30 p. ⑤

**Changement climatique et feux de forêt : la taïga à risque.** 2009. Girardin, M. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'Éclaircie du Service canadien des forêts, Centre de foresterie des Laurentides, n° 50. 1 p. [English: see *Climate change and forest...*] ②

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**Climate change and Canada's forests: from impacts to adaptation.** 2009. Williamson, T.B.; Colombo, S.J.; Duinker, P.N.; Gray, P.A.; Hennessey, R.J.; Houle, D.; Johnston, M.H.; Ogden, A.E.; Spittlehouse, D.L. Sustain. For. Manag. Netw. and NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. 112 p. [Français : voir *Les changements climatiques...*] ④

**Climate change and forest fires: the taiga is at risk.** 2009. Girardin, M. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service, Laurentian Forestry Centre. No. 50. 1 p. [Français : voir *Changement climatique...*] ②

**Explorer l'aménagement durable des forêts au Canada : Changement climatique.** Werner Kurz. Capsule en ligne. 2009. Conseil canadien des ministres des forêts, Ottawa. [www.sfmcanada.org/francais/vignettes\\_e-wk.asp](http://www.sfmcanada.org/francais/vignettes_e-wk.asp) [English: see *Exploring sustainable... Werner Kurz.*]

**Exploring sustainable forest management in Canada: climate change.** Werner Kurz. [Online vignette]. 2009. Canadian Council of Forest Ministers, Ottawa. [www.sfmcanada.org/english/vignettes\\_e-wk.asp](http://www.sfmcanada.org/english/vignettes_e-wk.asp) [Français : voir *Explorer l'aménagement durable (...) Werner Kurz.*]

**Info-Forêts.** Avril 2009. Keiran, M., éditeur. RNCan, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). 8 p. [English: see *Information Forestry...*] ⑤

**Information Forestry Newsletter.** Avril 2009. Keiran, M., ed. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 8 p. [Français : voir *Info-forêts.*] ⑤

**Vulnérabilité des arbres du Canada aux changements climatiques et propositions de mesures visant leur adaptation : un aperçu destiné aux décideurs et aux intervenants du monde forestier.** [En ligne seulement]. 2009. Johnston, M.H.; Campagna, M.; Gray, P.A.; Kope, H.H.; Loo, J.A.; Ogden, A.E.; O'Neill, G.A.; Price, D.T.; Williamson, T.B. Conseil canadien des ministres des forêts, Ottawa. 52 p. [English: see *Vulnerability of Canada's...*]

**Vulnerability of Canada's tree species to climate change and management options for adaptation: an overview for policy makers and practitioners.** [Online only]. 2009. Johnston, M.H.; Campagna, M.; Gray, P.A.; Kope, H.H.; Loo, J.A.; Ogden, A.E.; O'Neill, G.A.; Price, D.T.; Williamson, T.B. Canadian Council of Forest Ministers, Ottawa, Ont. 44 p. [Français : voir *Vulnérabilité des arbres...*]

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## Genetics, Tree Improvement, and Biodiversity

## Génétique, amélioration des arbres et biodiversité

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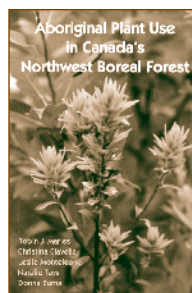
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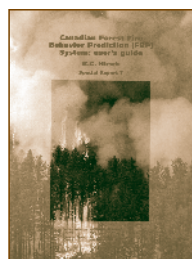
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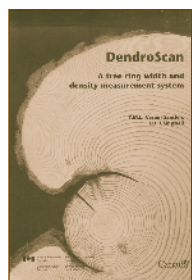
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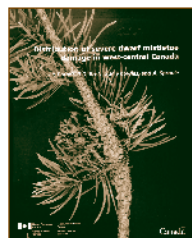
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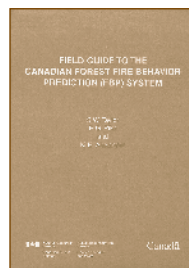
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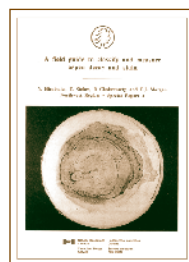
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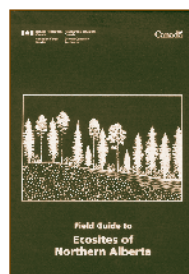
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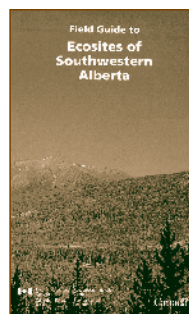
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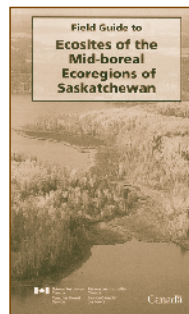
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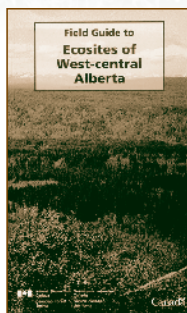
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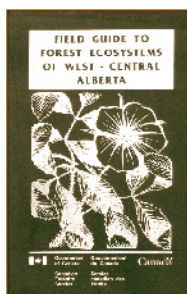


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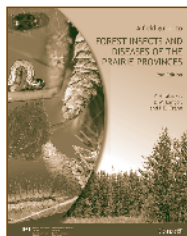
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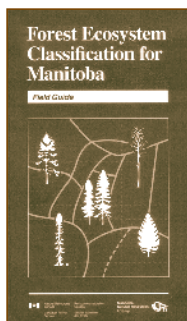
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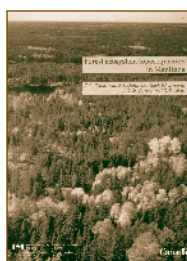
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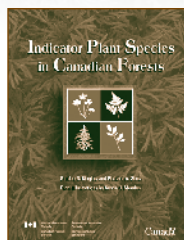
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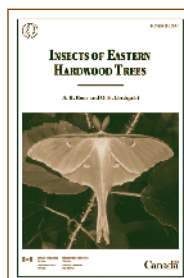


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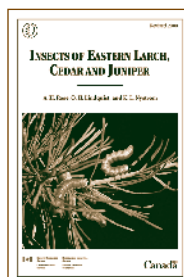
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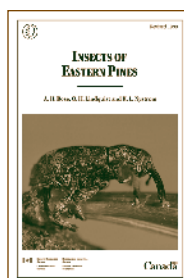
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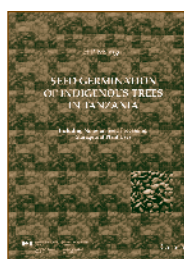
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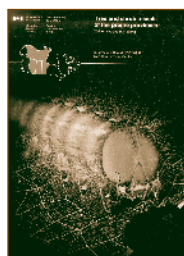
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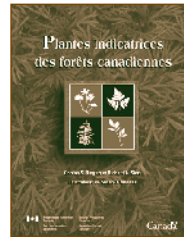
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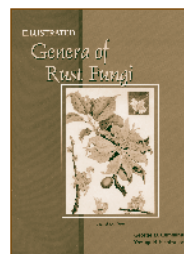
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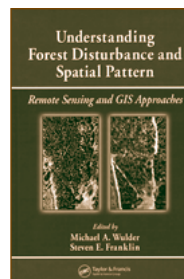
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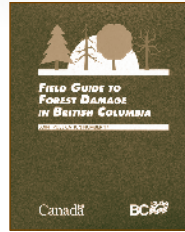


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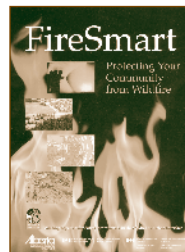
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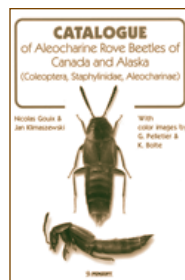
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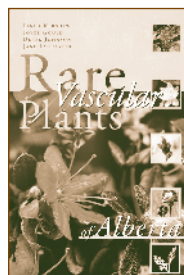


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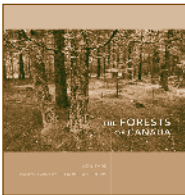
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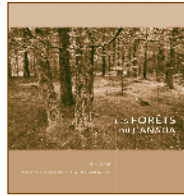
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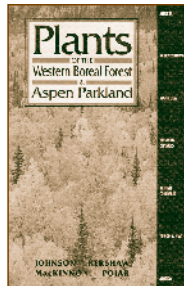
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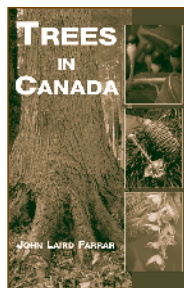
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