

# Activities Related to Poplar and Willow Cultivation and Utilization in Canada

Canadian Report to the 23rd Session of  
the International Poplar Commission  
Beijing, China  
Period 2004–2007

October 2008

Appendix X - Literature Listing  
Updated 8 December 2008



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# APPENDIX X

## POPLAR COUNCIL OF CANADA NATIONAL REPORT 2008 LITERATURE LISTING

This document is Appendix X (Literature Listing) of the report 'Activities Related to Poplar and Willow Cultivation and Utilization in Canada' to the 23<sup>rd</sup> Session of the International Poplar Commission in Beijing, China and covers the period 2004-2007.

The literature listing is a compilation of reports and scientific papers

- published in Canada by Canadian-based publishers; and/or
- authored or coauthored by persons residing in Canada and published abroad.

This listing forms a part of Canada's National Report provided to the International Poplar Commission and was produced as a separate report for ease of distribution. It is separate from the references provided in the main body report.

This listing was compiled by Cees van Oosten of SilviConsult Woody Crops Technology Inc. of Nanaimo, British Columbia, with the capable assistance of Jaime Lypowy of the University of Alberta, Edmonton (Alberta).

### SEARCH CRITERIA

The following search criteria were used to compile the listing:

- **Search for Theses/Dissertations:**
  - Canadian Theses and Dissertations - Theses Canada Portal
  - Title keywords: poplar, populus, aspen, salix or willow
  - Published: 2004-2007
- **Journals/Technical Reports:**

#### Agricola:

TI (Title): Poplar or populus or aspen or willow or salix

CY (Country of Publication): Canada

AU (Author): Canada or Canadian

#### CAB Abstracts:

#1 (poplar or populus or aspen or willow or salix) and (PY:CABI=2004-2007)

#2 (canada or canadian) and (PY:CABI=2004-2007)

#3 (poplar or populus or aspen or willow or salix) and (PY:CABI=2004-2007) and (canada or canadian) and (PY:CABI=2004-2007)

#### BIOSYS Previews:

#1 Title=(poplar or populus or aspen or willow or salix) Timespan=(2004-2007)

Document Type=Article or Meeting or Book Chapter

Search within results for=Canada or Canadian

Canadian Forest Management Database:

Title: poplar or populus or aspen or salix or willow

Publication Year between: 2004-2007

Search authors or journals to ensure Canadian

Natural Resources Canada Website:

Bookstore

Title: Title: poplar or populus or aspen or salix or willow

Publication Year between: 2004-2007

Natural Resources Canada Library – Forestry

Title: Title: poplar or populus or aspen or salix or willow

Publication Year between: 2004-2007

Ecology Abstracts:

TI (Title): poplar or populus or aspen or willow or salix

Canada or Canadian anywhere

Publication Year: 2004-2007

The listing is alphabetically ordered by author's name and each entry is numbered sequentially to assist the user.

## APPENDIX X - Literature Listing

Updated 8 December 2008

Reference	Authors	Year Published	Publication	Title
1		2005	5th North American Forest Ecology Workshop (NAFEW 2005), Chateau Cartier Relais, Aylmer, Quebec (Canada), 12-17 Jun 2005.	
2		2006	2006 International Annual Joint Meeting of the American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America, Indianapolis, Indiana (USA), 12-16 Nov 2006.	
3		2006	2006 Joint Meeting of the American Society of Plant Biologists and the Canadian Society of Plant Physiologists (Plant Biology 2006), Hynes Convention Center, Boston, Massachusetts (USA), 5-9 Aug 2006.	
4		2006	59th Annual Meeting of the Society for Range Management (SRM 2006), Vancouver, British Columbia (Canada), 12-17 Feb 2006.	
5		2007	Canadian-Journal-of-Botany. 2007. 85(11):1102pp	Special Issue: Poplar research in Canada (Part 1 of 2).
6		2007	Canadian-Journal-of-Botany. 2007. 85(12): vii + 1103-1232.	Special Issue: Poplar research in Canada (Part 2 of 2).
7		2007	International Poplar Commission - Environmental Applications of Poplar and Willow Working Party Workshop meeting, Montreal, Québec (Canada), 5-8 June 2007.	Environmental Applications of Poplar and Willow Working Party Workshop meeting

Reference	Authors	Year Published	Publication	Title
8		2007	The 10th North-American Agroforestry Conference, Québec City, Canada, 10-13 June, 2007	Associer arbres et cultures - When trees and crops get together; Associer arbres et cultures - When trees and crops get together
9	Aasamaa,-K; Niinemets,-U; Sober,-A	2005	Tree-Physiology. 2005; 25(11): 1409-1418. Many ref.	Leaf hydraulic conductance in relation to anatomical and functional traits during <i>Populus tremula</i> leaf ontogeny.
10	Alfaro,-R-I; Humble,-L-M; Gonzalez,-P; Villaverde,-R; Allegro,-G	2007	Forestry-Oxford. 2007; 80(4): 471-479. 31 ref.	The threat of the ambrosia beetle <i>Megaplatypus mutatus</i> (Chapuis) (=Platypus mutatus Chapuis) to world poplar resources.
11	Anderson,-J-A; Luckert,-M-K	2007	Forestry-Chronicle. 2007; 83(1): 92-104. Many ref.	Can hybrid poplar save industrial forestry in Canada?: A financial analysis in Alberta and policy considerations.
12	Archibold,-O-W; Ripley,-E-A	2004	Applied-Geography. 2004; 24(1): 77-95. 35 ref.	Assessment of seasonal change in a young aspen ( <i>Populus tremuloides</i> Michx.) canopy using digital imagery.
13	Arend,-M; Fromm,-J	2007	Tree-Physiology. 2007; 27(7): 985-992. Many ref.	Seasonal change in the drought response of wood cell development in poplar.
14	Argus-G-W	2007	Harvard-Papers-in-Botany. 2007, 12:2, 335-368.	<i>Salix</i> (Salicaceae) distribution maps and a synopsis of their classification in North America, north of Mexico.
15	Arimura,-G; Huber,-D-P-W; Bohlmann,-J	2004	Plant-Journal. 2004; 37(4): 603-616. 39 ref.	Forest tent caterpillars ( <i>Malacosoma disstria</i> ) induce local and systemic diurnal emissions of terpenoid volatiles in hybrid poplar ( <i>Populus trichocarpa</i> x <i>deltoides</i> ): cDNA cloning, functional characterization, and patterns of gene expression of (-)-germacrene D synthase, PtdTPS1.

Reference	Authors	Year Published	Publication	Title
16	Arsenault,-E; Hall,-R-J; Skakun,-R-S; Hogg,-E-H; Michaelian,-M	2007	Pages 1-6 in J.D. Greer, editor. Proceedings of the 11th Forest Service Remote Sensing Applications Conference, April 24-28, 2006, Salt Lake City, Utah, USA. American Society for Photogrammetry and Remote Sensing, Bethesda, Maryland, USA.	Characterizing aspen dieback severity using multivariate Landsat data in western Canadian forests.
17	Astrup,-R	2007	PhD Thesis - University of British Columbia	Modeling growth of understory aspen and spruce in western boreal Canada.
18	Astrup,-R; Larson,-B-C	2006	Forest-Ecology-and-Management. 2006; 228(1/3): 241-250. 45 ref.	Regional variability of species-specific crown openness for aspen and spruce in western boreal Canada.
19	Avramidis,-S; Mansfield,-S-D	2005	Holzforchung-. 2005; 59(1): 54-58. 12 ref.	On some physical properties of six aspen clones.
20	Bae-EunKyung; Lee-HyoShin; Lee-JaeSoon; Noh-EunWoon; Jo-JinKi	2006	Tree-Physiology. 2006; 26(11): 1405-1412. 41 ref.	Molecular cloning of a peroxidase gene from poplar and its expression in response to stress.
21	Bailey,-J-K; Deckert,-R; Schweitzer,-J-A; Rehill,-B-J; Lindroth,-R-L; Gehring,-C; Whitham,-T-G	2005	Canadian-Journal-of-Botany. 2005; 83(4): 356-361. 47 ref.	Host plant genetics affect hidden ecological players: links among Populus, condensed tannins, and fungal endophyte infection.
22	Balland,-V; Bhatti,-J; Errington,-R; Castonguay,-M; Arp,-P-A	2006	Canadian-Journal-of-Soil-Science. 2006; 86(2): 203-217. Carbon dynamics in forest and peatland ecosystems. Proceedings of the conference titled 'The science of changing climates: impact on agriculture, forestry and wetlands', held in Edmonton, Alberta, 20-23 July 2004.	Modeling snowpack and soil temperature and moisture conditions in a jack pine, black spruce and aspen forest stand in central Saskatchewan (BOREAS SSA).
23	Barr,-A-G; Black,-T-A; Hogg,-E-H; Griffis,-T-J; Morgenstern,-K; Kljun,-N; Theede,-A; Nesic,-Z	2007	Global-Change-Biology. 2007; 13(3): 561-576. International FLUXNET Workshop, Firenze, Italy, December 2004. Many ref.	Climatic controls on the carbon and water balances of a boreal aspen forest, 1994-2003.

Reference	Authors	Year Published	Publication	Title
24	Barr,-A-G; Black,-T-A; Hogg,-E-H; Kljun,-N; Morgenstern,-K; Nestic,-Z	2004	Agricultural-and-Forest-Meteorology. 2004; 126(3/4): 237-255. Many ref.	Inter-annual variability in the leaf area index of a boreal aspen-hazelnut forest in relation to net ecosystem production.
25	Bejaoui,-Z; Albouchi,-A; Abassi,-M; El-Aouni,-M-H	2006	Canadian-Journal-of-Forest-Research. 2006; 36(10): 2654-2665. 40 ref.	Effect of moderate or severe waterlogging on biomass production and gas exchange in seedlings of euramerican poplar. Influence d'une hydromorphie moderee ou severe sur la production de biomasse et les echanges gazeux de plants de peuplier euramericain.
26	Belleau,-A; Brais,-S; Pare,- D	2006	Soil-Science-Society-of-America- Journal. 2006; 70(4): 1189-1199. Many ref.	Soil nutrient dynamics after harvesting and slash treatments in boreal aspen stands.
27	Berger,-A-L; Puettmann,- K-J; Host,-G-E	2004	Canadian-Journal-of-Forest-Research. 2004; 34(10): 2159-2168. Many ref.	Harvesting impacts on soil and understory vegetation: the influence of season of harvest and within-site disturbance patterns on clear-cut aspen stands in Minnesota.
28	Bernier,-P-Y; Bartlett,-P; Black,-T-A; Barr,-A; Kljun,-N; McCaughey,-J-H	2006	Agricultural-and-Forest-Meteorology. 2006; 140(1/4): 64-78. 43 ref.	Drought constraints on transpiration and canopy conductance in mature aspen and jack pine stands.
29	Bernier,-P-Y; Lavigne,-M- B; Hogg,-E-H; Trofymow,- J-A	2007	Canadian-Journal-of-Forest-Research. 2007; 37(6): 1024-1033. 33 ref.	Estimating branch production in trembling aspen, Douglas-fir, jack pine, black spruce, and balsam fir.
30	Beschta,-R-L; Ripple,-W-J	2007	Canadian-Journal-of-Forest-Research. 2007; 37(10): 1873-1885. 56 ref.	Wolves, elk, and aspen in the winter range of Jasper National Park, Canada.
31	Beyer,-H-L; Merrill,-E-H; Varley,-N; Boyce,-M-S	2007	Ecological-Applications. 2007; 17(6): 1563-1571.	Willow on Yellowstone's northern range: evidence for a trophic cascade?
32	Bladon,-K-D; Silins,-U; Landhausser,-S-M; Messier,-C; Lieffers,-V-J	2007	Tree-Physiology. 2007; 27(7): 1065- 1071	Carbon isotope discrimination and water stress in trembling aspen following variable retention harvesting.
33	Blenis,-P-V	2007	Canadian-Journal-of-Forest-Research. 2007; 37(4): 719-725. 11 ref.	Impact of simulated aspen shoot blight on trembling aspen.
34	Block,-R-M-A; Van Rees,- K-C-J; Knight,-JD	2006	Agroforestry-Systems. 2006; 67(1): 73-84. Many ref.	A review of fine root dynamics in Populus plantations.



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35	Bockheim,-J-G; Park,-H; Gallagher,-J	2005	Canadian-Journal-of-Forest-Research. 2005; 35(1): 221-228. 28 ref.	Genotypic variation and recovery of <i>Populus tremuloides</i> from biomass removal and compaction in northern Wisconsin, USA.
36	Bokalo,-M; Comeau,-P-G; Titus,-S-J	2007	Forest-Ecology-and-Management. 2007; 242(2/3): 175-184. 47 ref.	Early development of tended mixtures of aspen and spruce in western Canadian boreal forests.
37	Bonneville,-M-C; Fyles,-J-W	2006	Communications-in-Soil-Science-and-Plant-Analysis. 2006; 37(3/4): 525-539. 34 ref.	Assessing variations in SPAD-502 chlorophyll meter measurements and their relationships with nutrient content of trembling aspen foliage.
38	Boone,-R	2004	MSc Thesis - University of Manitoba	A forest health study of bur oak ( <i>Quercus macrocarpa</i> Michx.) and trembling aspen ( <i>Populus tremuloides</i> Michx.) stands near a coal-fired generating station, southeastern Manitoba.
39	Boone,-R; Tardif,-J; Westwood,-R	2004	Tree-Ring Research. 2004. 60(1):45-58. 49 ref.	Radial growth of oak and aspen near a coal-fired station, Manitoba, Canada.
40	Bourassa,-M; Bernier,-L; Hamelin,-R-C	2007	Phytopathology-. 2007; 97(5): 603-610. 35 ref.	Genetic diversity in poplar leaf rust ( <i>Melampsora medusae</i> f. sp. <i>deltoidae</i> ) in the zones of host sympatry and allopatry.
41	Bourgeois,-L; Messier,-C; Brais,-S	2004	Canadian-Journal-of-Forest-Research. 2004; 34(10): 2049-2059. Many ref.	Mountain maple and balsam fir early response to partial and clear-cut harvesting under aspen stands of northern Quebec.
42	Brais,-S; Harvey,-B-D; Bergeron,-Y; Messier,-C; Greene,-D; Belleau,-A; Pare,-D	2004	Canadian-Journal-of-Forest-Research. 2004; 34(2): 431-446. 4th International Workshop on Disturbance Dynamics in Boreal Forests: Disturbance processes and their ecological effects, Prince George, British Columbia, Canada, 9-14 August 2002. Many ref.	Testing forest ecosystem management in boreal mixedwoods of northwestern Quebec: initial response of aspen stands to different levels of harvesting.

Reference	Authors	Year Published	Publication	Title
43	Bridge,-G	2004	MSc Thesis - University of Alberta	Effects of soil temperature and water table level on <i>Picea glauca</i> , <i>Betula papyrifera</i> , <i>Populus tremuloides</i> , and <i>Populus balsamifera</i> seedlings.
44	Broberg,-C-L	2006	PhD Thesis - Simon Fraser University	Antixenotic and antibiotic resistance of hybrid poplars to the poplar-and-willow borer, <i>Cryptorhynchus lapathi</i> (L.)(Coleoptera: Curculionidae).
45	Broberg,-C-L; Borden,-J-H	2005	Journal-of-Economic-Entomology. 2005; 98(6): 2254-2259. 37 ref.	Hybrid poplar clones with <i>Populus maximowiczii</i> parentage demonstrate postoviposition antibiosis to <i>Cryptorhynchus lapathi</i> (Coleoptera: Curculionidae).
46	Broberg,-C-L; Borden,-J-H; Gries,-R	2005	Canadian-Entomologist. 2005; 137(6): 716-718. 24 ref.	Antennae of <i>Cryptorhynchus lapathi</i> (Coleoptera: Curculionidae) detect two pheromone components of coniferophagous bark beetles in the stems of <i>Salix sitchensis</i> and <i>Salix scouleriana</i> (Salicaceae).
47	Brooks,-J-R; Jiang,-L; Zhang,-Y	2007	Canadian-Journal-of-Forest-Research. 2007; 37(4): 786-794. 22 ref.	Predicting green and dry mass of yellow-poplar: an integral approach.
48	Brown,-K-R; van den Driessche,-R	2005	New Forests. 2005. 29(1):89-104.	Effects of nitrogen and phosphorus fertilization on the growth and nutrition of hybrid poplars on Vancouver Island.
49	Buckmaster,-G	2004	MSc Thesis - University of Alberta	Projecting height growth of understory <i>Picea glauca</i> in stands with an overstory dominated by <i>Populus tremuloides</i> .
50	Calfapietra,-C; de Angelis,-P; Gielen,-B; Lukac,-M; Moscatelli,-M-C; Avino,-G; Lagomarsino,-A; Polle,-A; Ceulemans,-R; Mugnozza,-G-S; Hoosbeek,-M-R; Cotrufo,-M-F	2007	Tree-Physiology. 2007; 27(8): 1153-1163. Many ref.	Increased nitrogen-use efficiency of a short-rotation poplar plantation in elevated CO2 concentration.

Reference	Authors	Year Published	Publication	Title
51	Callan,-B-E; Leal,-I; Foord,-B-M, Dennis,-J-J; van Oosten,-C	2007	Pacific Northwest Fungi. 2007. 2(7):1-9.	Septoria musiva isolated from cankered stems in hybrid poplar stool beds, Fraser Valley, British Columbia.
52	Carmean,-W-H; Hazenberg,-G; Deschamps,- K-C	2006	Forestry-Chronicle. 2006; 82(2): 231-242. Many ref.	Polymorphic site index curves for black spruce and trembling aspen in northwest Ontario.
53	Chen,-H-Y-H; Legare,-S; Bergeron,-Y	2004	Canadian-Journal-of-Botany. 2004; 82(9): 1314-1323. Many ref.	Variation of the understory composition and diversity along a gradient of productivity in Populus tremuloides stands of northern British Columbia, Canada.
54	Chen,-W; Harrington,-T-C	2006	Canadian-Journal-of-Forest-Research. 2006; 36(8): 2047-2057. 42 ref.	Genetic diversity of poplar leaf rust populations in the north-central United States.
55	Choi,-C; Liu-ZhenLan; Adams,-K-L	2006	New-Phytologist. 2006; 172(3): 429-439. 46 ref.	Evolutionary transfers of mitochondrial genes to the nucleus in the Populus lineage and coexpression of nuclear and mitochondrial Sdh4 genes.
56	Christopher,-M-E; Miranda,-M; Major,-I-T; Constabel,-C-P	2004	Planta-. 2004; 219(6): 936-947. Many ref.	Gene expression profiling of systemically wound-induced defenses in hybrid poplar.
57	Clemmensen,-K-E; Michelsen,-A	2006	Canadian-Journal-of-Botany. 2006; 84(5): 831-843. Many ref.	Integrated long-term responses of an arctic-alpine willow and associated ectomycorrhizal fungi to an altered environment.
58	Cloutier,-M; Vigneault,-F; Lachance,-D; Seguin,-A	2005	FEBS-Letters. 2005; 579(21): 4659-4665. 48 ref.	Characterization of a poplar NIMA-related kinase PNek1 and its potential role in meristematic activity.
59	Cochard,-H; Casella,-E; Mencuccini,-M	2007	Tree-Physiology. 2007; 27(12): 1761-1767.32 ref.	Xylem vulnerability to cavitation varies among poplar and willow clones and correlates with yield.
60	Coleman,-H-D; Canam,-T; Kang-KyuYoung; Ellis,-D- D; Mansfield,-S-D	2007	Journal-of-Experimental-Botany. 2007; 58(15/16): 4257-4268. 41 ref.	Over-expression of UDP-glucose pyrophosphorylase in hybrid poplar affects carbon allocation.

Reference	Authors	Year Published	Publication	Title
61	Coleman,-M-D; Friend,-A-L; Kern,-C-C	2004	Tree-Physiology. 2004; 24(12): 1347-1357. Many ref.	Carbon allocation and nitrogen acquisition in a developing <i>Populus deltoides</i> plantation.
62	Coll,-L; Messier,-C; Delagrange,-S; Berninger,-F	2007	Annals-of-Forest-Science. 2007; 64(3): 275-285. 55 ref.	Growth, allocation and leaf gas exchanges of hybrid poplar plants in their establishment phase on previously forested sites: effect of different vegetation management techniques.
63	Comeau,-P; Heineman,-J; Newsome,-T	2006	Forest-Ecology-and-Management. 2006; 226(1/3): 80-87. Many ref.	Evaluation of relationships between understory light and aspen basal area in the British Columbia central interior.
64	Comeau,-P-G; Filipescu,-C-N; Kabzems,-R; DeLong,-C	2004	Canadian-Journal-of-Forest-Research. 2004; 34(11): 2277-2283. 24 ref.	Early growth of white spruce underplanted beneath spaced and unspaced aspen stands in northeastern British Columbia.
65	Conlin,-T; Cheyne,-D; Dymond,-J	2004	Forestry-Chronicle. 2004; 80(6): 687-693. 32 ref.	Soil temperatures and suckering response of trembling aspen ( <i>Populus tremuloides</i> Michx.) following disposal of hog on winter-logged cutblocks.
66	Cooke,-B-J; Roland,-J	2007	Canadian-Journal-of-Forest-Research. 2007; 37(9): 1586-1598. 46 ref.	Trembling aspen responses to drought and defoliation by forest tent caterpillar and reconstruction of recent outbreaks in Ontario.
67	Cooper,-R-L; Ware,-J-V; Cass,-D-D	2004	Canadian-Journal-of-Botany. 2004; 82(11): 1682-1686. 18 ref.	Leaf thickness of <i>Salix</i> spp. (Salicaceae) from the Athabasca sand dunes of northern Saskatchewan, Canada.
68	Cox,-S-E	2005	Canadian-Journal-of-Botany. 2005; 83(10): 1340-1344. 24 ref.	Elevational gradient of neoformed shoot growth in <i>Populus tremuloides</i> .
69	Cronk,-Q-C-B	2005	New-Phytologist. 2005; 166(1): 39-48. Many ref.	Plant eco-devo: the potential of poplar as a model organism.
70	Davis,-M-F; Tuskan,-G-A; Payne,-P; Tschaplinski,-T-J; Meilan,-R	2006	Tree-Physiology. 2006; 26(5): 557-564. 29 ref.	Assessment of <i>Populus</i> wood chemistry following the introduction of a Bt toxin gene.

Reference	Authors	Year Published	Publication	Title
71	DeGroot,-P; Hopkin,-A-A; Sajan,-R-J	2005	Natural Resources Canada, Canadian Forest Service, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. 2005. 65 p.	Silvicultural techniques and guidelines for the management of major insects and diseases of spruce, pine and aspen in eastern Canada.
72	DeLong,-C	2007	Technical-Report-Ministry-of-Forests-and-Range,-Forest-Science-Program,-British-Columbia. 2007; (039): vi + 18 pp. 28 ref.	Relative impact of aspen competition and soil factors on the performance of lodgepole pine and hybrid white spruce in north-central British Columbia.
73	DesRochers,-A; Thomas,-B-R; Butson,-R	2004	Forest-Ecology-and-Management. 2004; 199(1): 39-50. 34 ref.	Reclamation of roads and landings with balsam poplar cuttings.
74	DesRochers,-A; van den Driessche,-R; Thomas,-B-R	2006	Forest-Ecology-and-Management. 2006; 232(1/3): 216-225. 43 ref.	NPK fertilization at planting of three hybrid poplar clones in the boreal region of Alberta.
75	DesRochers-A; van den Driessche-R; Thomas-BR	2007	Canadian Journal of Botany. 85(11):1046-1057. many ref.	The interaction between nitrogen source, soil pH, and drought in the growth and physiology of three poplar clones.
76	Devito,-K-J; Creed,-I-F; Fraser,-C-J-D	2005	Hydrological-Processes. 2005; 19(1): 3-25. Canadian Geophysical Union - Hydrology Section, Banff, Canada, May 2003, and 12th International Union of Geodesy and Geophysics General Assembly, Sapporo, Japan, 2003. 42 ref.	Controls on runoff from a partially harvested aspen-forested headwater catchment, Boreal Plain, Canada.
77	Diner,-B	2006	MSc Thesis - McGill University	Plant-herbivore interactions between North American porcupines ( <i>Erethizon dorsatum</i> ) and trembling aspens ( <i>Populus tremuloides</i> ).
78	Doak,-P; Wagner,-D; Watson,-A	2007	Canadian-Journal-of-Botany. 2007; 85(1): 1-9. 49 ref.	Variable extrafloral nectary expression and its consequences in quaking aspen.
79	Dockrill,-C-W-M; Bailey,-A-W; Blenis,-P-V; King,-J-R	2006	Rangeland-Ecology-and-Management. 2006; 59(2): 212-215.	Seasonal variation in resistance of aspen stems to shearing force.
80	Dockrill,-C-W-M; Blenis,-P-V; Bailey,-A-W; King,-J-R	2004	Forestry-Chronicle. 2004; 80(2): 257-261. 16 ref.	Effect of summer cattle grazing on aspen stem injury, mortality and growth.

Reference	Authors	Year Published	Publication	Title
81	Dong-ShuFu; Cheng,-L-L; Scagel,-C-F; Fuchigami,- LH	2004	Tree-Physiology. 2004; 24(3): 355-359. 21 ref.	Nitrogen mobilization, nitrogen uptake and growth of cuttings obtained from poplar stock plants grown in different N regimes and sprayed with urea in autumn.
82	Driscoll,-J	2007	MSc Thesis - Memorial University of Newfoundland	Ex situ conservation protocols for the rare plants <i>Braya longii</i> (endangered), <i>Braya fernaldii</i> (threatened) (Brassicaceae), and <i>Salix jejuna</i> (endangered)(Salicaceae) endemic to the Limestone Barrens of Newfoundland.
83	El-Khatib,-R-T; Hamerlynck,-E-P; Gallardo,-F; Kirby,-E-G	2004	Tree-Physiology. 2004; 24(7): 729-736. 31 ref.	Transgenic poplar characterized by ectopic expression of a pine cytosolic glutamine synthetase gene exhibits enhanced tolerance to water stress.
84	Engel,-V-C; Griffin,-K-L; Murthy,-R; Patterson,-L; Klimas,-C; Potosnak,-M	2004	Tree-Physiology. 2004; 24(10): 1137-1145. 37 ref.	Growth CO2 concentration modifies the transpiration response of <i>Populus deltoides</i> to drought and vapor pressure deficit.
85	Escher,-P; Eiblmeier,-M; Hetzger,-I; Rennenberg,H	2004	Tree-Physiology. 2004; 24(6): 639-650. 35 ref.	Spatial and seasonal variation in amino compounds in the xylem sap of a mistletoe ( <i>Viscum album</i> ) and its hosts ( <i>Populus</i> spp. and <i>Abies alba</i> ).
86	Feau,-N	2005	PhD Thèse - Université Laval	Intra and interspecific relationships of <i>Mycosphaerella populorum</i> (anamorph <i>Septoria musiva</i> ) a poplar pathogenic agent. Relations intra and interspecific chez <i>Mycosphaerella populorum</i> (anamorphe <i>Septoria musiva</i> ) agent pathogène des peupliers.
87	Feau,-N; Bernier,-L	2004	Plant-Disease. 2004; 88(7): 770. 4 ref.	First report of shining willow as a host plant for <i>Septoria musiva</i> .
88	Feau,-N; Joly,-D-L; Hamelin,-R-C	2007	Canadian-Journal-of-Botany. 2007; 85(12): 1127-1135. Many ref.	Poplar leaf rusts: model pathogens for a model tree.

Reference	Authors	Year Published	Publication	Title
89	Filiatrault,-P; Camire,-C; Norrie,-J-P; Beauchamp,-CJ	2006	Resources,-Conservation-and- Recycling. 2006; 48(3): 209-226.	Effects of de-inking paper sludge on growth and nutritional status of alder and aspen.
90	Filipescu,-C-N; Comeau,-P-G	2007	Canadian-Journal-of-Forest-Research. 2007; 37(9): 1701-1713. Many ref.	Aspen competition affects light and white spruce growth across several boreal sites in western Canada.
91	Filipescu,-C-N; Comeau,-P-G	2007	Forest-Ecology-and-Management. 2007; 247(1/3): 175-184. Many ref.	Competitive interactions between aspen and white spruce vary with stand age in boreal mixedwoods.
92	Floate,-K-D	2004	Canadian-Journal-of-Botany. 2004; 82(2): 253-264. 34 ref.	Extent and patterns of hybridization among the three species of Populus that constitute the riparian forest of southern Alberta, Canada.
93	Fodor,-F; Gaspar,-L; Morales,-F; Gogorcena,-Y; Lucena,-J-J; Cseh,-E; Kropfl,-K; Abadia,-J; Sarvari,-E	2005	Tree-Physiology. 2005; 25(9): 1173-1180. 42 ref.	Effects of two iron sources on iron and cadmium allocation in poplar (Populus alba) plants exposed to cadmium.
94	Franks,-C	2007	MSc Thesis - University of Lethbridge	Phytoremediation of pharmaceuticals with Salix exigua.
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