

## **December 2003 Monthly Alert**

### **010. Forestry--General**

1. *Bringing forestry to people : Northeastern Area State and Private Forestry, USDA Forest Service.* [Newtown Square, PA ?] : USDA Forest Service, State and Private Forestry, Northeastern Area, [2001?]: 7 p.
2. *Connecting forestry to people in 2002.* [Washington, D.C.] : USDA Forest Service, State and Private Forestry, [2002?]: 11 p.
3. *National forests : information on the process and data used to revise the Chugach Forest plan.* Washington, D.C. : U.S. General Accounting Office, 2002: 13 p. (Report ; GAO-02-855) <http://www.gao.gov/new.items/d02855.pdf>
4. Baranchikov, Yuri N. ; Kucera, Daniel R. *Russian-English lexicon of forest entomology.* [Washington, D.C.] : USDA Forest Service, 2002: 298 p. (Agriculture handbook ; 723)
5. Campbell, Sally J. ; Azuma, David L. ; Weyermann, Dale. *Forests of eastern Oregon : an overview.* Portland, OR : USDA Forest Service, Pacific Northwest Research Station, 2003: 31 p. (General technical report PNW ; 578) <http://www.fs.fed.us/pnw/pubs/gtr578/>
6. Dalling, Brandon. Administrative wilderness : protecting our national forestlands in contravention of congressional intent and public policy. *Natural resources journal.* Vol. 42, no. 2 (Spring 2002): p. 385-413.
7. Haynes, Richard W. *An analysis of the timber situation in the United States, 1952-2050.* Portland, Or. : USDA Forest Service, Pacific Northwest Research Station, [2003]: 254 p. (General technical report PNW ; 560) <http://www.fs.fed.us/pnw/pubs/gtr560/>
8. Neary, Daniel G. ; Baker, Malchus B. Jr. *An overview of Rocky Mountain Research Station Verde River watershed research over the past five decades. Verde Watershed Symposium : state of the watershed in 2001, Cliff Castle Lodge and Conference Center, Camp Verde, Arizona : proceedings, May 17-19, 2001.* [Flagstaff, Ariz.] : Northern Arizona University, [2001]: [5] p.

9. Pletscher, Daniel H. ; Schwartz, Michael K. Rearranging the deck chairs on the Malthusian ship : reply to Phifer and Roebuck. *Conservation biology*. Vol. 15, no. 6 (Dec. 2001): p. 1812-1813.
10. Tarrant, Michael A. ; Cordell, H. Ken ; Green, Gary T. PVF : a scale to measure public values of forests. *Journal of forestry*. Vol. 101, no. 6 (Sept. 2003): p. 24-30.
11. Thomas, Craig W. *Bureaucratic landscapes : interagency cooperation and the preservation of biodiversity*. Cambridge, Mass. : MIT Press, c2003: 353 p. (Politics, science, and the environment)
12. Wear, David N. ; Greis, John G. *Southern forest resource assessment*. Asheville, NC : Southern Research Station, 2002: 635 p. (General technical report SRS ; 53) <http://www.srs.fs.usda.gov/sustain/report/index.htm>
13. Wear, David N. *The southern forest resource assessment : summary report*. Asheville, NC : Southern Research Station, [2002]: 103 p. (General technical report SRS ; 54) <http://www.srs.fs.usda.gov/sustain/report/summry/summary.htm>

## **012. Methodology and advanced technology**

14. Benda, Lee E. ; Poff, N. Leroy ; Tague, Christina ; Palmer, Margaret A. ; Pizzuto, James ; Cooper, Scott ; Stanley, Emily ; Moglen, Glenn. How to avoid train wrecks when using science in environmental problem solving. *BioScience*. Vol. 52, no. 12 (Dec. 2002): p. 1127-1136.
15. Brown, James H. ; Ernest, S. K. Morgan. Rain and rodents : complex dynamics of desert consumers. *BioScience*. Vol. 52, no. 10 (Oct. 2002): p. 979-987.
16. Chew, Jimmie D. Comparing two methods of identifying ecological restoration opportunities. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 135-142. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
17. Falk, Donald A. ; Swetnam, Thomas W. Scaling rules and probability models for surface fire regimes in ponderosa pine forests. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 301-317. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
18. Gadbury, Gary L. ; Iyer, Hari K. ; Schreuder, Hans T. An adaptive analysis of covariance using tree-structured regression. *Journal of agricultural, biological, and environmental statistics*. Vol. 7, no. 1 (2002): p. 42-57.

19. Gougeon, Francois A. ; Leckie, Donald G. *Forest information extraction from high spatial resolution images using an individual tree crown approach*. Victoria, B.C. : Canadian Forest Service, Pacific Forestry Centre, 2003: 26 p. (Information report ; BC-X-396) <http://warehouse.pfc.forestry.ca/pfc/21272.pdf>
20. Kostoff, Ronald N. Overcoming specialization. *BioScience*. Vol. 52, no. 10 (Oct. 2002): p. 937-941.
21. Kozak, Antal. Does cross validation provide additional information in the evaluation of regression models? *Canadian journal of forest research*. Vol. 33, no. 6 (June 2003): p. 976-987.
22. Lefsky, Michael A. ; Cohen, Warren B. ; Parker, Geoffrey G. ; Harding, David J. Lidar remote sensing for ecosystem studies. *BioScience*. Vol. 52, no. 1 (Jan. 2002): p. 19-30.
23. Loomis, John B. ; Gonzalez-Caban, Armando ; Griffin, Dana ; Wu, Ellen. Linking GIS and recreation demand models to estimate the economic value of using fire to improve deer habitat. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 187-201. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
24. Malarz, K. ; Kaczanowska, S. ; Kulakowski, K. Are forest fires predictable? *International journal of modern physics C*. Vol. 13, no. 8 (2002): p. 1017-1031.
25. McKinnon, L. M. ; Mitchell, A. K. ; Vyse, A. *The effects of soil temperature and site preparation on subalpine and boreal tree species : a bibliography*. Victoria, B.C. : Canadian Forest Service, Pacific Forestry Centre, 2002: 29 p. (Information report ; BC-X-394) <http://warehouse.pfc.forestry.ca/pfc/19327.pdf>
26. Menakis, James P. ; Osborne, Dianne ; Miller, Melanie. Mapping the cheatgrass-caused departure from historical natural fire regimes in the Great Basin, USA. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 281-287. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
27. Molina, Randy ; McKenzie, Dan ; Lesher, Robin ; Ford, Jan ; Alegria, Jim ; Cutler, Richard. *Strategic survey framework for the Northwest Forest Plan survey and manage program*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 34 p. (General technical report PNW ; 573) <http://www.fs.fed.us/pnw/pubs/gtr573.pdf>
28. Shuman, Craig S. ; Ambrose, Richard F. A comparison of remote sensing and ground-based methods for monitoring wetland restoration success. *Restoration ecology*. Vol. 11, no. 3 (Sept. 2003): p. 325-333.

29. Simeoni, Albert ; Santoni, Paul-Antoine ; Balbi, Jacques-Henri. A strategy to elaborate forest fire spread models for management tools including a computer time-saving algorithm. *International journal of modelling and simulation*. Vol. 22, no. 4 (2002): p. 213-224.
30. Verrill, S. P. *Confidence bounds for normal and lognormal distribution coefficients of variation*. [Madison, Wis.] : USDA Forest Service, Forest Products Laboratory, [2003]: 13 p. (Research paper FPL-RP ; 609)
31. Wulder, Mike ; Seemann, David ; Low, Brian. *WRS-Canada : integration of the Landsat Worldwide Referencing System with ecological, geographical, and demographic data*. Victoria, B.C. : Canadian Forest Service, Pacific Forestry Centre, 2002: 6 p. (Technology transfer note ; no. 27)

## 020. Forest economics

32. De Steiger, Joseph Edward. Multi-criteria decision models for forestry and natural resources management : an annotated bibliography. [Newtown Square, Pa.] : USDA Forest Service, Northeastern Research Station, [2003] (General technical report NE ; 307) <http://purl.access.gpo.gov/GPO/LPS33590>
33. Fight, Roger D. ; Zhang, Xiaoshan. ; Hartsough, Bruce R. (Bruce Ralph), 1952-. *Users guide for STHARVEST : software to estimate the cost of harvesting small timber*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 12 p. (General technical report PNW ; 582) <http://www.fs.fed.us/pnw/pubs/gtr582.pdf>
34. Flora, Donald F. *Forest economics research at the Pacific Northwest Research Station to 2000*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 207 p. (General technical report PNW ; 562) <http://www.fs.fed.us/pnw/pubs/gtr562.pdf>
35. Lefort, Albert J. Jr. ; de Hoop, Cornelis F. ; Pine, John C. ; Marx, Brian D. Characteristics of injuries in the logging industry of Louisiana, USA : 1986 to 1998. *International journal of forest engineering*. Vol. 14, no. 2 (July 2003): p. 75-89.
36. Lundquist, John E. A fable : how, thanks to a decision support system called "profiling," a forest manager saved his forest but lost his job. *Journal of forestry*. Vol. 101, no. 6 (Sept. 2003): p. 44-49.
37. Shaffer, Mark L. ; Scott, J. Michael ; Casey, Frank. Noah's options : initial cost estimates of a national system of habitat conservation areas in the United States. *BioScience*. Vol. 52, no. 5 (May 2002): p. 439-443.

38. Stanturf, John A. ; Kellison, Robert C. ; Broerman, F. S. ; Jones, Stephen B. Productivity of southern pine plantations : where are we and how did we get here? *Journal of forestry*. Vol. 101, no. 3 (Apr./May 2003): p. 26-31.

## 030. Forest engineering

39. Karsky, Dick. *Dry borax applicator operator's manual*. Missoula, Mont. : USDA Forest Service, Technology & Development Program, 1999: 30 p. 9934-2812-MTDC
40. Neese, Jasen ; Erkisson, Merv ; Vachowski, Brian. *Floating trail bridges and docks*. [Missoula, Mont.] : USDA Forest Service, Technology & Development Program, 2002: 26 p. 0223-2812-MTDC [www.fs.fed.us/t-d/php/library\\_card.php?p\\_num=0223%202812](http://www.fs.fed.us/t-d/php/library_card.php?p_num=0223%202812)
41. Neese, Jasen ; Snodgrass, Kathleen. *Assembling a bar-code tracking system*. [Missoula, Mont.] : USDA Forest Service, Technology & Development Program, 2003: 18 p. 0271-2834-MTDC [www.fs.fed.us/t-d/php/library\\_card.php?p\\_num=0271%202834](http://www.fs.fed.us/t-d/php/library_card.php?p_num=0271%202834)
42. Nordfjell, T. ; Athanassiadis, D. ; Talbot, B. Fuel consumption in forwarders. *International journal of forest engineering*. Vol. 14, no. 2 (July 2003): p. 11-20.
43. Rantala, Juho ; Kiljunen, Nuutti ; Harstela, Pertti. Effect of seedling production and long-distance planning strategies on transportation costs of a nursery company. *International journal of forest engineering*. Vol. 14, no. 2 (July 2003): p. 65-73.
44. Snodgrass, Kathleen ; Lee, Longchaw. *Fuel cells are coming*. Missoula, Mont. : USDA Forest Service, Technology & Development Program, 2003: 6 p. (Engineering tech tips ; 0371-2307-MTDC) [http://fsweb.mtdc.wo.fs.fed.us/php/library\\_card.php?p\\_num=0371%202307](http://fsweb.mtdc.wo.fs.fed.us/php/library_card.php?p_num=0371%202307)
45. Talbot, B. ; Nordfjell, T. ; Suadicani, K. Assessing the utility of two integrated harvester-forwarder machine concepts through stand-level simulation. *International journal of forest engineering*. Vol. 14, no. 2 (July 2003): p. 31-43.
46. Thistle, Harold ; Karsky, Richard ; Trent, Andy. *MTDC/Forest Health Protection fiscal year 1999 achievements*. Missoula, Mont. : USDA Forest Service, Technology & Development Program, 2000: 10 p. 0034-2806-MTDC
47. Trent, Andy ; Karsky, Dick ; Gilmour, Scott. *MTDC portable vehicle washer : interim report*. [Missoula, Mont.] : USDA Forest Service, Technology & Development Program, 2002: 10 p. 0234-2836-MTDC

48. Wester, Fredrik ; Wester, Fredrik ; Eliasson, Lars. Productivity in final felling and thinning for a combined harvester-forwarder (Harwarder). *International journal of forest engineering*. Vol. 14, no. 2 (July 2003): p. 45-51.

## 040. Forest mensuration

49. Brandtberg, Tomas ; Warner, Timothy A. ; Landenberger, Rick E. ; McGraw, James B. Detection and analysis of individual leaf-off tree crowns in small footprint, high sampling density lidar data from the eastern deciduous forest in North America. *Remote sensing of environment*. Vol. 85, no. 3 (May 2003): p. 290-303.
50. Chopping, Mark J. ; Rango, Albert ; Havstad, Kris M. ; Schiebe, Frank R. ; Ritchie, Jerry C. ; Schmugge, Thomas J. ; French, Andrew N. Canopy attributes of desert grassland and transition communities derived from multiangular airborne imagery. *Remote sensing of environment*. Vol. 85, no. 3 (May 2003): p. 339-354.
51. Conner, Roger C. *Forest statistics for the northern coastal plain of North Carolina, 2000*. Asheville, NC : USDA Forest Service, Southeastern Forest Experiment Station, [2003]: 59 p. (Resource bulletin SRS ; 83) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs083.pdf>
52. Gao, F. ; Schaaf, C.B. ; Strahler, A.H. ; Jin, Y. ; Li, X. Detecting vegetation structure using a kernel-based BRDF model. *Remote sensing of environment*. Vol. 86, no. 2 (July 2003): p. 198-205.
53. Hanson, Erica J. ; Azuma, David L. ; Hiserote, Bruce A. *Site index equations and mean annual increment equations for Pacific Northwest Research Station forest inventory and analysis inventories, 1985-2001*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2002, i.e. 2003]: 24 p. (Research note PNW ; 533) <http://www.fs.fed.us/pnw/pubs/rn533.pdf>
54. Hartsell, Andrew J. *Forest statistics for southeast Alabama, 2000*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 59 p. (Resource bulletin SRS ; 66) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs066.pdf>
55. Heilman, Gerald E. Jr. ; Stritholt, James R. ; Slosser, Nicholas C. ; DellaSala, Dominick A. Forest fragmentation of the conterminous United States : assessing forest intactness through road density and spatial characteristics. *BioScience*. Vol. 52, no. 5 (May 2002): p. 411-422.
56. Hillard, Ulysses ; Sridhar, V. ; Lettenmaier, Dennis P. ; McDonald, Kyle C. Assessing snowmelt dynamics with NASA scatterometer (NSCAT) data and a hydrologic process model. *Remote sensing of environment*. Vol. 86, no. 1 (June 2003): p. 52-69.

57. Klein, Andrew G. ; Barnett, Ann C. Validation of daily MODIS snow cover maps of the Upper Rio Grande River Basin for the 2000-2001 snow year. *Remote sensing of environment*. Vol. 86, no. 2 (July 2003): p. 162-176.
58. Nigh, Gordon D. ; Klinka, Karel. *Growth intercept models for black spruce*. Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2001: 4 p. (Extension note ; 57) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En57.htm>
59. Nigh, Gordon D. ; Polsson, Ken R. *Splicing height curves*. Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2002: 4 p. (Extension note ; 60) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En60.htm>
60. Parmenter, Andrea Wright ; Hansen, Andrew ; Kennedy, Robert E. ; Cohen, Warren ; Langner, Ute ; Lawrence, Rick ; Maxwell, Bruce. Land use and land cover change in the Greater Yellowstone Ecosystem : 1975-1995. *Ecological applications*. Vol. 13, no. 3 (June 2003): p. 687-703.
61. Picard, Nicolas ; Bar-Hen, Avner ; Guedon, Yann. Modelling diameter class distribution with a second-order matrix model. *Forest ecology and management*. Vol. 180, no. 1/3 (July 2003): p. 389-400.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-47VS69N-6&\\_user=1355690&\\_handle=W-WA-A-A-VE-MsSAYZA-UUW-AUZBBCWEEV-WWVEZZBAY-VE-U&\\_fmt=full&\\_coverDate=07%2F17%2F2003&\\_rdoc=32&\\_orig=browse&\\_srch=%23toc%235042%232003%23998199998%23438438!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=1ed7f3be7e65122c67f90dac1a2f2df5](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-47VS69N-6&_user=1355690&_handle=W-WA-A-A-VE-MsSAYZA-UUW-AUZBBCWEEV-WWVEZZBAY-VE-U&_fmt=full&_coverDate=07%2F17%2F2003&_rdoc=32&_orig=browse&_srch=%23toc%235042%232003%23998199998%23438438!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=1ed7f3be7e65122c67f90dac1a2f2df5)
62. Reams, Gregory A. ; McRoberts, Ronald E. ; Van Deusen, Paul C. *Proceedings of the Second Annual Forest and Inventory Symposium : Salt Lake City, Utah, October 17-18, 2000 / edited by Gregory A. Reams, Ronald E. McRoberts, Paul C. Van Deusen*. Asheville, NC : USDA Forest Service, Southern Research Station, 2001: 143 p. (General technical report SRS ; 47)  
<http://www.srs.fs.usda.gov/pubs/viewpub.jsp?index=4513>
63. Vodacek, A. ; Kremens, R. L. ; Fordham, A. J. ; Vangorden, S. C. ; Luisi, D. ; Schott, J. R. ; Latham, D. J. Remote optical detection of biomass burning using a potassium emission signature. *International journal of remote sensing*. Vol. 23, no. 13 (2002): p. 2721-2726.

## 051. Artificial regeneration

64. Barnett, James P. ; Hainds, Mark J. ; Hernandez, George A. *Interim guidelines for growing longleaf seedlings in containers*. [Asheville, N.C.?] : USDA Forest Service, Southern Research Station, [2002?]: 1 p. (General technical report SRS ; 60) <http://www.srs.fs.usda.gov/pubs/gtr/gtr%5Fsrs060.pdf>

65. Barnett, James P. ; McGilvray, John M. *Guidelines for producing quality longleaf pine seeds*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 21 p. (General technical report SRS ; 52) <http://purl.access.gpo.gov/GPO/LPS30957>
66. DesRochers, Annie ; van den Driessche, R. ; Thomas, Barb R. Nitrogen fertilization of trembling aspen seedlings grown on soils of different pH. *Canadian journal of forest research*. Vol. 33, no. 4 (Apr. 2003): p. 552-560.
67. Gilman, Edward F. ; Grabosky, Jason ; Stodola, Ann ; Marshall, Michael D. Irrigation and container type impact red maple (*Acer rubrum* L.) 5 years after landscape planning . *Journal of arboriculture*. Vol. 29, no. 4 (July 2003): p. 231-236.
68. Miller, B.D. ; Hawkins, B.J. Nitrogen uptake and utilization by slow- and fast-growing families of interior spruce under contrasting fertility regimes. *Canadian journal of forest research*. Vol. 33, no. 6 (June 2003): p. 959-966.
69. Salonius, P. O. ; Hallett, R. D. ; Beaton, K. P. ; French, C. *Extended nursery rearing compromises field performance of container-reared conifer seedlings*. Fredericton, N.B. : Canadian Forest Service-Atlantic Forestry Centre, Natural Resources Canada, 2002: 21 p. (Information report ; M-X-214E)
70. Trent, Andy. *Missoula reforestation and nurseries*. Missoula, Mont. : USDA Forest Service, Technology & Development Center, 2002: 20 p. 0224-2805-MTDC  
<http://fsweb.mtdc.wo.fs.fed.us/pubs/pdfpubs/pdf02242805/pdf02242805dpi300.pdf>

## **052. Silvicultural methods**

71. Biring, Balvinder S. ; Yearsly, H. Karen ; Hays-Byl, Winn J. *Ten-year responses of white spruce and associated vegetation after glyphosate treatment at Tsilcoh River*. Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2001: 4 p. (Extension note ; 55)  
<http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En55.htm>
72. Burchfield, James A. *Social implications of alternatives to clearcutting on the Tongass National Forest : an exploratory study of residents' responses to alternative silvicultural treatments at Hanus Bay, Alaska*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 28 p. (General technical report PNW ; 575) <http://www.fs.fed.us/pnw/pubs/gtr575.pdf>

73. Conlin, Timothy. *An evaluation of two Chondrostereum purpureum carrier formulations used for the control of Sitka alder in a 41-year-old not satisfactorily restocked stand (ESSFwc1), Kootenay Forest District, Nelson Forest Region.* Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2002: 4 p. (Extension note ; 61) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En61.htm>
74. Covington, W. Wallace. Ecological restoration thinning of ponderosa pine ecosystems : alternative treatment outcomes vary widely. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002.* Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 91. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
75. de Montigny, Louise ; Stearns-Smith, Steve. *Thinning and pruning coastal Douglas-fir near Chilliwack, B.C. : 8-year results.* Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2001: 8 p. (Extension note ; 56) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En56.htm>
76. Forge, Thomas A. ; Muehlchen, Andrea M. ; Simard, Suzanne W. *Influences of clearcut harvesting and fertilization on structure and function of the soil food web in ICH forests of southern interior British Columbia.* Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2001: 8 p. (Extension note ; 59) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En59.htm>
77. Garman, Steven L. ; Cissel, John ; Mayo, James H. *Accelerating development of late-successional conditions in young managed Douglas-fir stands : a simulation study.* Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 57 p. (General technical report PNW ; 557) <http://www.fs.fed.us/pnw/pubs/gtr557/>
78. Guggenmoos, Siegfried. Effects of tree mortality on power line security. *Journal of arboriculture.* Vol. 29, no. 4 (July 2003): p. 181-196.
79. Harper, George ; Kabzems, Richard. *Growing-space management in boreal mixedwood forests-the establishment of EP 1192.01, Fort Nelson River site.* Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2003: 8 p. (Extension note ; 64) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En64.htm>
80. Heineman, Jean L. ; Hope, Graeme D. ; Simard, Suzanne W. ; Vyse, Alan ; Lloyd, Dennis L. ; Miege, David J. *The effects of site preparation and harvesting practices on planted seedling productivity and microenvironment in southern interior dry, grassy IDF forests.* [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Science Program, 2003: 22 p. (Technical report ; 9) <http://www.for.gov.bc.ca/hfd/pubs/Docs/Tr/Tr009.htm>
81. Hof, John ; Bevers, Michael. Natural regeneration in any-aged forest management. *Spatial optimization in ecological applications.* New York : Columbia University Press, c2002: p. [42]-58.

82. Huggard, David J. ; Vyse, Alan. *Comparing clearcutting and alternatives in a high-elevation forest : early results from Sicamous Creek*. Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2002: 10 p. (Extension note ; 63) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En63.htm>
83. Huggard, David J. ; Vyse, Alan. *Edge effects in high-elevation forests at Sicamous Creek*. Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2002: 8 p. (Extension note ; 62) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En62.htm>
84. Kesti, Susan E. Forest habitat enhancement for wildlife : Exxon Valdez oil spill restoration project. *Women in natural resources*. Vol. 22, no. 1 (2001): p. 44-45.
85. Lynch, Dennis L. ; Mackes, Kurt. Costs for reducing fuels in Colorado forest restoration projects. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 167-175. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
86. Newsome, Teresa A. ; Perry, Jane L. *Stand-tending and rehabilitation treatment options for 36-year-old, height-repressed lodgepole pine*. [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Science Program, 2003: 45 p. (Technical report ; 7) <http://www.for.gov.bc.ca/hfd/pubs/Docs/Tr/Tr007.htm>
87. O'Laughlin, Jay ; Cook, Philip S. Inventory-based forest health indicators : implications for national forest management. *Journal of forestry*. Vol. 101, no. 2 (Mar. 2003): p. 11-17.
88. Ralston, Rebecca ; Buongiorno, Joseph ; Schulte, Benedict ; Fried, Jeremy. *WestPro, a computer program for simulating uneven-aged Douglas-fir stand growth and yield in the Pacific Northwest*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, 2003: 25 p. (General technical report PNW ; 574) <http://www.fs.fed.us/pnw/pubs/gtr574.pdf>
89. Romme, W. H. ; Floyd-Hanna, M. L. ; Hanna, D. D. ; Kemp, Phil. Experimental thinning and burning of ponderosa pine forests in southwestern Colorado : effects on canopy structure, understory composition, and fuels. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 103. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
90. Simard, Suzanne W. ; Heienman, Jean ; Mather, Jean ; Sachs, Don ; Vyse, Alan. *Brushing effects on conifers and plant communities in the southern interior of British Columbia : summary of PROBE results 1991-2000*. Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2001: 26 p. (Extension note ; 58) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En58.htm>

91. Toman, Eric ; Shindler, Bruce. Hazardous fuel reduction in the Blue Mountains : public attitudes and opinions. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 241-254. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
92. Yu, Shufang ; Chambers, Jim L. ; Tang, Zhenmin ; Barnett, James P. Crown characteristics of juvenile loblolly pine 6 years after application of thinning and fertilization. *Forest ecology and management*. Vol. 180, no. 1/3 (July 2003): p. 345-352. [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-47N698B-2&\\_user=1355690&\\_handle=W-WA-A-A-VE-MsSAYZA-UUW-AUZBBCWEEV-WWVEZZBAY-VE-U&\\_fmt=full&\\_coverDate=07%2F17%2F2003&\\_rdoc=28&\\_orig=browse&\\_srch=%23toc%235042%232003%23998199998%23438438!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=4e98dd3b98ada06627b68b9a2907bcce](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-47N698B-2&_user=1355690&_handle=W-WA-A-A-VE-MsSAYZA-UUW-AUZBBCWEEV-WWVEZZBAY-VE-U&_fmt=full&_coverDate=07%2F17%2F2003&_rdoc=28&_orig=browse&_srch=%23toc%235042%232003%23998199998%23438438!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=4e98dd3b98ada06627b68b9a2907bcce)

## 060. Genetics/Plant breeding

93. Bressler, Eddy. *Genetic structure and variation of isolated Douglas-Fir populations in southwestern North America and northern Mexico*. 2003. Thesis (M.S.)--Northern Arizona University, 2003: 95 p. Final report 00-JV-11221615-172.
94. Epperson, Bryan K. ; Chung, Myong Gi ; Telewski, Frank W. Spatial pattern of allozyme variation in a contact zone of Pinus ponderosa and P. arizonica (Pinaceae). *American journal of botany*. Vol. 90, no. 1 (Jan. 2003): p. 25-31.
95. Stanton, David J. ; McArthur, E. Durant ; Freeman, D. Carl ; Golenberg, Edward M. No genetic substructuring in Artemisia subgenus Tridentatae despite strong ecotypic subspecies selection. *Biochemical systematics and ecology*. Vol. 30 (2002): p. 579-593.

## 070. Plant science

96. Meyer, Deborah. Rule change proposal no. 5. *Seed technologist newsletter*. Vol. 76, no. 1 (2002): p. P14-P62.
97. Mitchell, John E. ; Woodmansee, R. G. Applicability of Montreal Process Criterion 7--legal, institutional and economic framework--to rangeland sustainability. *International journal of sustainable development and world ecology*. Vol. 9, no. 2 (2002): p.121-134.

## **072. Anatomy/Morphology**

98. Kane, Brian C. P. ; Ryan, H. Dennis P. III. Examining formulas that assess strength loss due to decay in trees : woundwood toughness improvement in red maple (*Acer rubrum*). *Journal of arboriculture*. Vol. 29, no. 4 (July 2003): p. 209-217.

## **073. Plant physiology**

99. Bauerle, William L. ; Whitlow, T. H. ; Setter, T. L. ; Bauerle, T. L. ; Vermeylen, F. M. Ecophysiology of *Acer rubrum* seedlings from contrasting hydrologic habitats : growth, gas exchange, tissue water relations, abscisic acid and carbon isotope discrimination. *Tree physiology*. Vol. 23, no. 12 (Aug. 2003): p. 841-850.
100. Calfapietra, C. ; Gielen, B. ; Galema, A. N. J. ; Lukac, M. ; De Angelis, P. ; Moscatelli, M. C. ; Ceulemans, R. Free-air CO<sub>2</sub> enrichment (FACE) enhances biomass production in a short-rotation poplar plantation. *Tree physiology*. Vol. 23, no. 12 (Aug. 2003): p. 805-814.
101. Fishel, D.W. ; Zaczek, J.J. ; Preece, J.E. Positional influence on rooting of shoots forced from the main bole of swamp white oak and northern red oak. *Canadian journal of forest research*. Vol. 33, no. 4 (Apr. 2003): p. 705-711.
102. Grulke, N. E. ; Johnson, R. ; Monschein, S. ; Nikolova, P. ; Tausz, M. Variation in morphological and biochemical O<sub>3</sub> injury attributes of mature Jeffrey pine within canopies and between microsites. *Tree physiology*. Vol. 23, no. 13 (Sept. 2003): p. 923-929.
103. Haufler, Christopher H. Homospory 2002 : an odyssey of progress in pteridophyte genetics and evolutionary biology. *BioScience*. Vol. 52, no. 12 (Dec. 2002): p. 1081-1093.
104. Heide, O. M. High autumn temperature delays spring bud burst in boreal trees, counterbalancing the effect of climatic warming. *Tree physiology*. Vol. 23, no. 13 (Sept. 2003): p. 931-936.
105. Hikosaka Kouki. A model of dynamics of leaves and nitrogen in a plant canopy: ; an integration of canopy photosynthesis, leaf life span, and nitrogen use efficiency. *American naturalist*. Vol. 162, no. 2 (Aug. 2003): p. 149-164.
106. Kilpatrick, Steve ; Clause, Dean ; Scott, Dave. Aspen response to prescribed fire, mechanical treatments, and ungulate herbivory. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 93-102.  
[http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)

107. Messina, Frank J. ; Durham, Susan L. ; Richards, James H. ; McArthur, E. Durant. Trade-off between plant growth and defense? : a comparison of sagebrush populations. *Oecologia*. Vol. 131 (2002): p. 43-51.
108. Meyer, Susan E. ; Carlson, Stephanie L. Achene mass variation in Ericameria nauseosus (Asteraceae) in relation to dispersal ability and seedling fitness. *Functional ecology*. Vol. 15 (2001): p. 274-281.
109. Mogensen, Susana H. A. C. ; Allen, Phil S. ; Meyer, Susan E. Prechill temperature and duration are important in determining seed quality for 12 wildflowers. *Seed technology*. Vol. 23, no. 2 (2001): p. 145-150.
110. Nagler, Pamela L. ; Glenn, Edward P. ; Thompson, T. Lewis. Comparison of transpiration rates among saltcedar, cottonwood and willow trees by sap flow and canopy temperature methods. *Agricultural and forest meteorology*. Vol. 116, nos. 1-2 (Apr. 2003): p. 73-89.
111. Park, Sunchung ; Han, Kyung-Hwan. An auxin-repressed gene (RpARP) from black locust (*Robinia pseudoacacia*) is posttranscriptionally regulated and negatively associated with shoot elongation. *Tree physiology*. Vol. 23, no. 12 (Aug. 2003): p. 815-823.
112. Pittermann, Jarmila ; Sperry, John. Tracheid diameter is the key trait determining the extent of freezing-induced embolism in conifers. *Tree physiology*. Vol. 23, no. 13 (Sept. 2003): p. 907-914.
113. Reid, Douglas E. B. ; Silins, Uldis ; Lieffers, Victor J. Stem sapwood permeability in relation to crown dominance and site quality in self-thinning fire-origin lodgepole pine stands. *Tree physiology*. Vol. 23, no. 12 (Aug. 2003): p. 833-840.
114. Rueth, Heather M. ; Baron, Jill S. ; Allstott, Eric J. Responses of Engelmann spruce forests to nitrogen fertilization in the Colorado Rocky Mountains. *Ecological applications*. Vol. 13, no. 3 (June 2003): p. 664-673.
115. Warren, C. R. ; Livingston, N. J. ; Turpin, D. H. Responses of gas exchange to reversible changes in whole-plant transpiration rate in two conifer species. *Tree physiology*. Vol. 23, no. 12 (Aug. 2003): p. 793-803.
116. Xu, Liukang ; Baldocchi, Dennis D. Seasonal trends in photosynthetic parameters and stomatal conductance of blue oak (*Quercus douglasii*) under prolonged summer drought and high temperature. *Tree physiology*. Vol. 23, no. 13 (Sept. 2003): p. 865-877.

## 074. Plant ecology

117. *Riparian areas : functions and strategies for management.* Washington, D.C. : National Academy Press, c.2002: 428 p. Contract No. 68-3A75-0-170.  
<http://www.nap.edu/books/0309082951/html/>
118. Aguado-Santacruz, G. A. ; Garcia-Moya, E. ; Creque, J. A. ; Meyer, Susan E. ; Flores-Flores, J. L. Environmental factors and community dynamics at the southernmost part of the North America Graminetum. II Temporal plant assemblages determined by rainfall patterns. *Plant ecology.* Vol. 158 (2002): p. 49-63.
119. Aldrich, Preston R. ; Parker, George R. ; Ward, Jeffery S. ; Michler, Charles H. Spatial dispersion of trees in an old-growth temperate hardwood forest over 60 years of succession. *Forest ecology and management.* Vol. 180, no. 1/3 (July 2003): p. 475-491.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-47P1SV0-8&\\_user=1355690&\\_handle=W-WA-A-A-VE-MsSAYZA-UUW-AUZBBCWEEV-WWVEZZBAY-VE-U&\\_fmt=full&\\_coverDate=07%2F17%2F2003&\\_rdoc=39&\\_orig=browse&\\_srch=%23toc%235042%232003%23998199998%23438438!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=1e8c0878c3134514a196752c9ab96b41](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-47P1SV0-8&_user=1355690&_handle=W-WA-A-A-VE-MsSAYZA-UUW-AUZBBCWEEV-WWVEZZBAY-VE-U&_fmt=full&_coverDate=07%2F17%2F2003&_rdoc=39&_orig=browse&_srch=%23toc%235042%232003%23998199998%23438438!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=1e8c0878c3134514a196752c9ab96b41)
120. Allen, Phil S. ; Meyer, Susan E. Ecology and ecological genetics of seed dormancy in downy brome. *Weed science.* Vol. 50 (2002): p. 241-247.
121. Beckstead, Julie. *A community's natural resistance to invasion by cheatgrass and the effects of associational herbivory.* 2001. Thesis (Ph.D.)--University of Illinois at Urbana-Champaign, 2001: 126 p.
122. Binkley, Dan ; Senock, Randy ; Bird, Suzanne ; Cole, Thomas G. Twenty years of stand development in pure and mixed stands of Eucalyptus saligna and nitrogen-fixing Facaltaria moluccana. *Forest ecology and management.* Vol. 182, no. 1/3 (Sept. 2003): p. 93-102.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-47XWM5X-3&\\_user=1355690&\\_handle=W-WA-A-A-BA-MsSAYVW-UUW-AUZBBVAEWA-WWVYVYAEA-BA-U&\\_fmt=full&\\_coverDate=09%2F03%2F2003&\\_rdoc=7&\\_orig=browse&\\_srch=%23toc%235042%232003%23998179998%23448982!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=aa30a42d3a682b789292719b48e98150](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-47XWM5X-3&_user=1355690&_handle=W-WA-A-A-BA-MsSAYVW-UUW-AUZBBVAEWA-WWVYVYAEA-BA-U&_fmt=full&_coverDate=09%2F03%2F2003&_rdoc=7&_orig=browse&_srch=%23toc%235042%232003%23998179998%23448982!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=aa30a42d3a682b789292719b48e98150)
123. Bolker, Benjamin M. ; Pacala, Stephen W. ; Neuhauser, Claudia. Spatial dynamics in model plant communities : what do we really know? *American naturalist.* Vol. 162, no. 2 (Aug. 2003): p. 135-148.

124. Bork, Edward W. ; Adams, Barry W. ; Willms, Walter D. Resilience of foothills rough fescue, *Festuca campestris*, rangeland to wildfire. *Canadian field-naturalist*. Vol. 116, no. 1 (2002): p. 51-59.
125. Castellano, Michael A. ; Cazares, Efren. ; Fondrick, Bryan. ; Dreisbach, Tina. *Handbook to additional fungal species of special concern in the Northwest Forest Plan*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 144 p. (General technical report PNW ; 572)  
<http://www.fs.fed.us/pnw/pubs/gtr572/>
126. DeWalt, Saara J. ; Maliakal, Satya K. ; Denslow, Julie S. Changes in vegetation structure and composition along a tropical forest chronosequence : implications for wildlife. *Forest ecology and management*. Vol. 182, no. 1/3 (Sept. 2003): p. 139-151. [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-47YPP18-2&\\_user=1355690&\\_handle=W-WA-A-A-BA-MsSAYVW-UUW-AUZBBVAEWA-WWVYVYAEA-BA-U&\\_fmt=full&\\_coverDate=09%2F03%2F2003&\\_rdoc=10&\\_orig=browse&\\_srch=%23toc%235042%232003%23998179998%23448982!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=cbbb6437fcc620eed7b0b6efacddd446](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-47YPP18-2&_user=1355690&_handle=W-WA-A-A-BA-MsSAYVW-UUW-AUZBBVAEWA-WWVYVYAEA-BA-U&_fmt=full&_coverDate=09%2F03%2F2003&_rdoc=10&_orig=browse&_srch=%23toc%235042%232003%23998179998%23448982!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=cbbb6437fcc620eed7b0b6efacddd446)
127. Drezner, Taly D. Regional- and local-scale variations in plant distribution in the Sonoran Desert. *Madrono*. Vol. 50, no. 2 (2003): p. 122-125.
128. Ford, Paulette L. Scale, ecosystem resilience, and fire in shortgrass steppe. *Ecosystems and sustainable development III, Alicante, Spain*. Southampton, U.K. : WIT Press, 2001: p. 447-456.
129. Giese, Laura A. B. ; Aust, W. M. ; Kolka, Randall K. ; Trettin, Carl C. Biomass and carbon pools of disturbed riparian forests. *Forest ecology and management*. Vol. 180, no. 1/3 (July 2003): p. 493-508.
130. Hof, John ; Sieg, Carolyn H. ; Bevers, Michael. Topography-based dispersal : habitat location for the western prairie fringed orchid. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [125]-141.
131. Mathiasen, Robert L. ; Melgar, Jose ; Beatty, Jerome S. ; Parks, Catherine G. ; Nickrent, Daniel L. ; Sesnie, Steve ; Daugherty, Carolyn M. New distributions and hosts for mistletoes parasitizing pines in southern Mexico and Central America. *Madrono*. Vol. 50, no. 2 (2003): p. 115-121.
132. McWilliams, William H. ; O'Brien, Renee A. ; Reese, Gordon C. ; Waddell, Karen L. Distribution and abundance of oaks in North America. *Oak forest ecosystems: ecology and management for wildlife*. Baltimore, MD : Johns Hopkins University Press, 2002: p. 13-33.

133. Miller, James H. *Nonnative invasive plants of southern forests: A field guide to identification and control*. Asheville, NC : Southern Research Station, 2003: 95 p. (General technical report SRS ; 62)  
[http://www.srs.fs.usda.gov/pubs/gtr/gtr\\_srs062/](http://www.srs.fs.usda.gov/pubs/gtr/gtr_srs062/)
134. Newsome, Teresa ; Heineman, Jean L. ; Nemec, Amanda. *Competitive effects of trembling aspen on lodgepole pine performance in the SBS and IDF zones of the Cariboo-Chilcotin region of south-central British Columbia*. [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Science Program, 2003: 76 p. (Technical report ; 5)
135. Pilz, David. *Ecology and management of commercially harvested chanterelle mushrooms*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 83 p. (General technical report PNW ; 576)  
<http://www.fs.fed.us/pnw/pubs/gtr576.pdf>
136. Wade, Gary L. Vascular plant species of the forest ecology research and demonstration area, Paul Smith's, New York. [Newtown Square, PA] : USDA Forest Service, Northeastern Research Station, [2003] (Research note NE ; 380)  
[http://www.fs.fed.us/ne/newtown\\_square/publications/research\\_notes/pdfs/2003/rnne380.pdf](http://www.fs.fed.us/ne/newtown_square/publications/research_notes/pdfs/2003/rnne380.pdf)
137. Yemshanov, Dennis ; Perera, Ajith H. *Early recruitment of tree species : a knowledge gap in landscape dynamics modelling*. Sault Ste. Marie : Ontario, Ministry of Natural Resources, Ontario Forest Research Institute, c2002: 22 p. (Forest research information paper ; no. 150)

## **080. Forest and plant health**

138. Hof, John. Strategies for controlling exotic pests. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [167]-182.
139. Otrosina, William J. ; Sung, Susana S. ; Walkinshaw, Charles H. ; Sullivan, Brian T. Root pathogens and fire : silvicultural interactions in "exotic" ecosystems. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 159.  
[http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
140. Thistle, Harold ; Skyler, Pat. *Eighth report : national spray model and application technology working group*. [Missoula, Mont.] : USDA Forest Service, Technology & Development Program, 2000: 54 p. 9934-2810-MTDC

141. Thistle, Harold ; Skyler, Pat. *Pheromone placement tracer test : experimental design 2000*. Morgantown, WV : USDA, Forest Service, Forest Health Technology Enterprise Team, c[2000]: 12 p. (FHTET ; 2000-05)

## 081. Mycology/Pathology

142. Hoff, Jill Anne. *Fungal diversity in woody roots of east-slope Cascade ponderosa pine (*Pinus ponderosa*) and Douglas-fir (*Pseudotsuga menziesii*)*. 2002. Thesis (M.S.)--Washington State University, 2002: 76 p.
143. Klepzig, Kier Dean ; Walkinshaw, Charles H. *Cellular response of loblolly pine to wound inoculation with bark-beetle associated fungi and chitosan*. Asheville, NC : USDA Forest Service, Southern Research Station, [2003]: 20 p. (Research paper SRS ; 30) <http://www.srs.fs.usda.gov/pubs/viewpub.jsp?index=5322>
144. Steinfeld, David ; Amaranthus, Michael P. ; Cazares, Efren. Survival of ponderosa pine (*Pinus ponderosa* Dougl. ex Laws.) seedlings outplanted with *Rhizopogon* mycorrhizae inoculated with spores at the nursery. *Journal of arboriculture*. Vol. 29, no. 4 (July 2003): p. 197-208.
145. Zambino, Paul J. Dry grinding at near-ambient temperatures for extracting DNA from rust and other fungal spores. *BioTechniques*. Vol. 33, no. 1 (2002): p. 48, 50-51.

## 082. Insects and other invertebrates

146. Allison, Jeremy D. ; Morewood, W. Dean ; Borden, John H. ; Hein, Kathy E. ; Wilson, Ian M. Differential bio-activity of *Ips* and *Dendroctonus* (Coleoptera: Scolytidae) pheromone components for *Monochamus clamator* and *M. scutellatus* (Coleoptera: Cerambycidae). *Environmental entomology*. Vol. 32, no. 1 (Feb. 2003): p. 23-30.
147. Bates, Sarah L. ; Strong, Ward B. ; Borden, John H. Abortion and seed set in lodgepole and western white pine conelets following feeding by *Leptoglossus occidentalis* (Heteroptera: Coreidae). *Environmental entomology*. Vol. 31, no. 6 (Dec. 2002): p. 1021-1029.
148. Bess, Emilie C. ; Parmenter, Robert R. ; McCoy, Stacey ; Molles, Manuel C. Jr. Responses of a riparian forest-floor arthropod community to wildfire in the middle Rio Grande valley, New Mexico. *Environmental entomology*. Vol. 31, no. 5 (Oct. 2002): p. 774-784.

149. Coyle, David R. Effects of clone, silvicultural, and miticide treatments on cottonwood leafcurl mite (Acari: Eriophyidae) damage in plantation *Populus*. *Environmental entomology*. Vol. 31, no. 6 (Dec. 2002): p. 1000-1008. Interagency Agreement DE-IA09-76SR00056.  
<http://www.srs.fs.usda.gov/pubs/viewpub.jsp?index=5097>
150. Erbilgin, Nadir ; Nordheim, Erik V. ; Aukema, Brian H. ; Raffa, Kenneth F. Population dynamics of *Ips pini* and *Ips grandicollis* in red pine plantations in Wisconsin: within- and between-year associations with predators, competitors, and habitat quality. *Environmental entomology*. Vol. 31, no. 6 (Dec. 2002): p. 1023-1029.
151. Ganz, David J. ; Dahlsten, Donald L. ; Shea, Patrick J. The post-burning response of bark beetles to prescribed burning treatments. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 143-158.  
[http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
152. Hendrix, Paul F. ; Bohlen, Patrick J. Exotic earthworm invasions in North America : ecological and policy implications. *BioScience*. Vol. 52, no. 9 (Sept. 2002): p. 801-811.
153. Huber, Dezene P.W. ; Borden, John H. Comparative behavioural responses of *Dryocoetes confusus* Swaine, *Dendroctonus rufipennis* (Kirby), and *Dendroctonus ponderosae* Hopkins (Coleoptera: Scolytidae) to angiosperm tree bark volatiles. *Environmental entomology*. Vol. 32, no. 4 (Aug. 2003): p. 742-751.
154. Lindgren, B. Staffan ; Miller, Daniel R. Effect of verbenone on attraction of predatory and woodboring beetles (Coleoptera) to kairomones in lodgepole pine forests. *Environmental entomology*. Vol. 31, no. 5 (Oct. 2002): p. 766-773.  
<http://esa.edoc.com/environ/v31n5/v31n5p766.pdf>
155. Lindgren, B. Staffan ; Miller, Daniel R. Effect of verbenone on five species of bark beetles (Coleoptera: Scolytidae) in lodgepole pine forests. *Environmental entomology*. Vol. 31, no. 5 (Oct. 2002): p. 759-765.  
<http://esa.edoc.com/environ/v31n5/v31n5p759.pdf>
156. Logarzo, Guillermo ; Richman, David B. ; Gould, William R. Plant utilization patterns of a guild of leafhoppers on a woody plant community in the Chihuahuan Desert. *Environmental entomology*. Vol. 31, no. 5 (Oct. 2002): p. 914-922.
157. Niwa, Christine G. ; Peck, Robert W. Influence of prescribed fire on carabid beetle (Carabidae) and spider (Araneae) assemblages in forest litter in southwestern Oregon. *Environmental entomology*. Vol. 31, no. 5 (Oct. 2002): p. 785-796.

158. Rocchini, Lynn A. Douglas-fir pitch moth, *Synanthedon novaroensis* (Lepidoptera: Sesiidae) in north-central British Columbia: flight period and the effect of trap type and pheromone dosage on trap catches. *Environmental entomology*. Vol. 32, no. 1 (Feb. 2003): p. 208-213.
159. Sebolt, David C. ; Landis, Douglas A. Neonate *Galerucella calmariensis* (Coleoptera: Chrysomelidae) behavior on purple loosestrife (*Lythrum salicaria*) contributes to reduced predation. *Environmental entomology*. Vol. 31, no. 5 (Oct. 2002): p. 880-886. <http://esa.edoc.com/environ/v31n5/v31n5p880.pdf>
160. Sharov, Alexei A. ; Thorpe, Kevin W. ; Tcheslavskaia, Ksenia. Effect of synthetic pheromone on gypsy moth (Lepidoptera: Lymantriidae) trap catch mining and mating success beyond treated areas. *Environmental entomology*. Vol. 31, no. 6 (Dec. 2002): p. 1119-1127. <http://esa.edoc.com/environ/v31n6/v31n6p1119.pdf>
161. Trier, Terry M. ; Mattson, William J. Diet-induced thermogenesis in insects : a developing concept in nutritional ecology. *Environmental entomology*. Vol. 32, no. 1 (Feb. 2003): p 1-8. <http://esa.edoc.com/environ/v32n1/v32n1p1.pdf>
162. Vanlaerhoven, Sherah L. ; Stephen, Fred M. Height distribution of adult parasitoids of the southern pine beetle complex. *Environmental entomology*. Vol. 31, no. 6 (Dec. 2002): p. 982-987.
163. Wallin, Kimberly F. ; Rutledge, Jack ; Raffa, Kenneth F. Heritability of host acceptance and gallery construction behaviors of the bark beetle (*Ips pini* (Coleoptera: Scolytidae)). *Environmental entomology*. Vol. 31, no. 6 (Dec. 2002): p. 1276-1281.
164. Weseloh, Ronald M. Modeling the impact of the fungus *Entomophaga maimaiga* (Zygomycetes: Entomophthorales) on gypsy moth (Lepidoptera: Lymantriidae) : incorporating infection by conidia. *Environmental entomology*. Vol. 31, no. 6 (Dec. 2002): p. 1071-1084. <http://esa.edoc.com/environ/v31n6/v31n6p1071.pdf>
165. Weseloh, Ronald M. Short and long range dispersal in the gypsy moth (Lepidoptera: Lymantriidae) fungal pathogen, *Entomophaga maimaiga* (Zygomycetes: Entomophthorales). *Environmental entomology*. Vol. 32, no. 1 (Feb. 2003): p. 111-122. <http://esa.edoc.com/environ/v32n1/v32n1p111.pdf>
166. Wickman, Boyd E. ; Torgersen, Torolf R. ; Furniss, Malcolm M. Photographic images and history of forest insect investigations on the Pacific Slope, 1903-1953. 2, Oregon and Washington. *American entomologist*. Vol. 48, no. 3 (Fall 2002): p. 178-185.

## **083. Vegetation management**

167. Godfree, R. C. ; Tinnin, R. O. ; Forbes, R. B. Relationships between dwarf mistletoe and the canopy structure of an old-growth lodgepole pine forest in central Oregon. *Canadian journal of forest research*. Vol. 33, no. 6 (June 2003): p. 997-1009.
168. Small, E. ; Pocock, T. ; Cavers, P.B. The biology of Canadian weeds. 119. *Cannabis sativa L.* *Canadian journal of plant science*. Vol. 83, no. 1 (Jan. 2003): p. 217-237.

## **084. Environmental injury**

169. Bytnerowicz, Andrzej ; Badea, Ovidiu ; Barbu, Ion ; McManus, Michael ; Musselman, Robert ; Szaro, Robert ; Fleischer, Peter. New international long-term ecological research on air pollution effects on the Carpathian Mountain forests, Central Europe. *Environment international*. Vol. 29, nos. 2-3 (June 2003): p. 367-376.
170. Conner, William H. ; Inabinette, L. Wayne. Tree growth in three South Carolina (USA) swamps after Hurricane Hugo: 1991-2001. *Forest ecology and management*. Vol. 182, no. 1/3 (Sept. 2003): p. 371-380.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-484VF6F-2&\\_user=1355690&\\_handle=W-WA-A-A-BA-MsSAYVW-UUW-AUZBBVAEWA-WWVYVYAEA-BA-U&\\_fmt=full&\\_coverDate=09%2F03%2F2003&\\_rdoc=27&\\_orig=browse&\\_srch=%23toc%235042%232003%23998179998%23448982!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=62a50d4a136d9a5bcb222179ff12968c](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-484VF6F-2&_user=1355690&_handle=W-WA-A-A-BA-MsSAYVW-UUW-AUZBBVAEWA-WWVYVYAEA-BA-U&_fmt=full&_coverDate=09%2F03%2F2003&_rdoc=27&_orig=browse&_srch=%23toc%235042%232003%23998179998%23448982!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=62a50d4a136d9a5bcb222179ff12968c)
171. Garcia-Romero, Arturo. An evaluation of forest deterioration in the disturbed mountains of western Mexico City. *Mountain research and development*. Vol. 22, no. 3 (Aug. 2002): p. 270-277.
172. Shortle, Walter C. ; Smith, Kevin T. ; Dudzik, Kenneth R. *Tree survival and growth following ice storm injury*. [Broomall, Pa.?] : USDA Forest Service, Northeastern Research Station, [2003]: 1 folded sheet (4 p.) (Research paper NE ; 723)  
<http://www.fs.fed.us/ne/newtown%5Fsquare/publications/research%5Fpapers/pdfs/2003/rpne723.pdf>
173. Smith, Kevin T. ; Shortle, Walter C. ; Dudzik, Kenneth R. *Patterns of storm injury and tree response*. [Newtown Square, PA?] : USDA Forest Service, State & Private Forestry, Northeastern Area, [2001?]: [4] p. (NA-TP ; 02-01)

## 090. Fires

174. *FY 2002 performance report : National Fire Plan.* [Washington, D.C.?] : The Depts., [2002]: 53 p.
175. Balice, Randy G. ; Koch, Steven W. ; Loftin, Sam ; Nyhan, Jack ; Valerio, Patrick ; Fenton, George H. A wildfire behavior model for the Los Alamos region and an evaluation of options for mitigating fire hazards. *Technology development, evaluation and application : FY2000 progress report LA13901-PR.* Los Alamos, NM : Los Alamos National Laboratory, Environment, Safety and Health Division, 2002: p. 4-7.
176. Briz, S. ; de Castro, A. J. ; Aranda, J. M. ; Melendez, J. ; Lopez, F. Reduction of false alarm rate in automatic forest fire infrared surveillance systems. *Remote sensing of environment.* Vol. 86, no. 1 (June 2003): p. 19-29.
177. Burns, Sam ; Sperry, Chuck ; Hodgson, Ron. People and fire in western Colorado : methods of engaging stakeholders. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002.* Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 213-223. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
178. Cohen, Jack D. ; Stegman, Rob. *Wildfire : preventing home ignitions.* [S.l.] : NBC/Hearst Argyle Television Productions ; Fort Collins, Colo., [2002]: 1 videocassette (19 min.). <http://www.fs.fed.us/rm/main/videos/wildfire.html>
179. Cruz, Miguel G. ; Alexander, Martin E. ; Wakimoto, Ronald H. Definition of a fire behavior model evaluation protocol : a case study application to crown fire behavior models. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002.* Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 49-67. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
180. Driessen, Jon. *Crew cohesion, wildland fire transition, and fatalities.* [Missoula, Mont.] : USDA Forest Service, Technology & Development Program, 2002: 14 p. [http://www.fs.fed.us/fire/safety/MTDC\\_Lessons/documents/Crew\\_Cohesion/pdf02512809.pdf](http://www.fs.fed.us/fire/safety/MTDC_Lessons/documents/Crew_Cohesion/pdf02512809.pdf)
181. Farnsworth, Allen ; Summerfelt, Paul ; Neary, Daniel G. ; Smith, Tattersall. Flagstaff's wildfire fuels treatments : prescriptions for community involvement and a source of bioenergy. *Biomass and bioenergy.* Vol. 24, nos. 4-5 (April-May 2003): p. 269-276.

182. Ferguson, Sue A. ; McKay, Steven J. ; Nagel, David E. ; Piepho, Trent ; Rorig, Miriam L. ; Anderson, Casey ; Kellogg, Lara. *Assessing values of air quality and visibility at risk from wildland fires*. Portland, Or. : USDA Forest Service, Pacific Northwest Research Station, [2003]: 59 p. (Research paper PNW ; 550) <http://www.fs.fed.us/pnw/pubs/rp550/>
183. Fiedler, Carl E. ; Keegan, Charles E. Reducing crown fire hazard in fire-adapted forests of New Mexico. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 39-48. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
184. Goode, Jon G. ; Yokelson, Robert J. ; Susott, Ronald A. ; Ward, Darold E. Trace gas emissions from laboratory biomass fires measured by open-path Fourier transform infrared spectroscopy : fires in grass and surface fuels. *Journal of geophysical research*. Vol. 104, no. D17 (Sept. 20, 1999): p. 21,237 - 21,245.
185. Guyette, R.P. ; Spetich, Marty A. Fire history of oak-pine forests in the Lower Boston Mountains, Arkansas, USA. *Forest ecology and management*. Vol. 180, no. 1/3 (July 2003): p. 463-474.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-47P1SV0-6&\\_user=1355690&\\_handle=W-WA-A-A-VE-MsSAYZA-UUW-AUZBBCWEEV-WWVEZZBAY-VE-U&\\_fmt=full&\\_coverDate=07%2F17%2F2003&\\_rdoc=38&\\_orig=browse&\\_srch=%23toc%235042%232003%23998199998%23438438!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=56df204fad43193a42c379746c890f68](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-47P1SV0-6&_user=1355690&_handle=W-WA-A-A-VE-MsSAYZA-UUW-AUZBBCWEEV-WWVEZZBAY-VE-U&_fmt=full&_coverDate=07%2F17%2F2003&_rdoc=38&_orig=browse&_srch=%23toc%235042%232003%23998199998%23438438!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=56df204fad43193a42c379746c890f68)
186. Hardy, Colin C. ; Hermann, Sharon M. ; Core, John E. The smoke management imperative. *Smoke management guide for prescribed and wildland fire*. Boise, Idaho : National Interagency Fire Center, 2001: p. 21-24.
187. Hardy, Colin C. ; Hermann, Sharon M. ; Mutch, Robert E. The wildland fire imperative : perpetuating America's natural heritage: balancing wildland management needs and the public interest. *Smoke management guide for prescribed and wildland fire*. Boise, Idaho : National Interagency Fire Center, 2001: p. 11-19.
188. Hof, John ; Omi, P. N. ; Bevers, Michael ; Laven, R. D. Strategies for controlling wildfire. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [183]-200.

189. Kotliar, Natasha B. ; Haire, Sandra L. ; Key, Carl H. Lessons from the fires of 2000 : post-fire heterogeneity in ponderosa pine forests. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 277-279.  
[http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
190. Kramer, K. ; Groen, T. A. ; van Wieren, S. E. The interacting effects of ungulates and fire on forest dynamics : an analysis using the model FORSPACE. *Forest ecology and management*. Vol. 181, no. 1/2 (Aug. 2003): p. 205-222.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-48N2XBH-1&\\_user=1355690&\\_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WVVEVDVAC-WB-U&\\_fmt=full&\\_coverDate=08%2F03%2F2003&\\_rdoc=17&\\_orig=browse&\\_srch=%23toc%235042%232003%23998189998%23441121!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=e9cdd3a6e82d9847ee57f87aae6928bd](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-48N2XBH-1&_user=1355690&_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WVVEVDVAC-WB-U&_fmt=full&_coverDate=08%2F03%2F2003&_rdoc=17&_orig=browse&_srch=%23toc%235042%232003%23998189998%23441121!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=e9cdd3a6e82d9847ee57f87aae6928bd)
191. Leschak, Peter M.. *Ghosts of the fireground : echoes of the great Peshtigo fire and the calling of a wildland firefighter*. [San Francisco] : HarperSanFrancisco, 2002: 269 p.
192. Maclean, Ann L. ; Cleland, David T. Determining the spatial extent of historical fires with geostatistics in northern lower Michigan. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 289-299.  
[http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
193. Martinson, Erik J. ; Omi, Philip N. Performance of fuel treatments subjected to wildfires. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 7-13.  
[http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
194. Massman, William J. ; Frank, John M. ; Shepperd, Wayne D. ; Platten, M. J. In situ soil temperature and heat flux measurements during controlled surface burns at a southern Colorado forest site. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 69-87. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
195. May, Dennis M. Wildfire: the right tools : managing for fire using FIA inventory data. *Journal of forestry*. Vol. 101, no. 2 (Mar. 2003): p. 4-8.

196. Neary, Daniel G. ; Overby, Steven T. ; Haase, Sally M. Effects of fire interval restoration on carbon and nitrogen in sedimentary- and volcanic- derived soils of the Mogollon Rim, Arizona. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 105-115. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
197. Parsons, David J. Wilderness fire. *International journal of wilderness*. Vol. 7, no. 1 (Apr. 2001): p. 44.
198. Pye, John M. ; Prestemon, Jeffrey P. ; Butry, David T. ; Abt, Karen Lee. Prescribed burning and wildfire risk in the 1998 fire season in Florida. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 15-26. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
199. Scott, Joe H. Canopy fuel treatment standards for the wildland-urban interface. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 29-37. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
200. Sharkey, Brian. Heat stress. *Wildland firefighter health & safety report*. no. 3 (Spring 2001): p. 2-5.
201. Sharkey, Brian. The pack test. *Wildland firefighter health & safety report*. no. 4 (Fall 2001): p. 2-6.
202. Shindler, Bruce ; Toman, Eric. Fuel reduction strategies in forest communities : a longitudinal analysis of public support. *Journal of forestry*. Vol. 101, no. 6 (Sept. 2003): p. 8-15.
203. Stephens, Scott ; Moghaddas, Jason. Fire hazard and silvicultural systems : 25 years of experience from the Sierra Nevada. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 27. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
204. Taylor, Alan H. ; Skinner, Carl N. Spatial patterns and controls on historical fire regimes and forest structure in the Klamath Mountains. *Ecological applications*. Vol. 13, no. 3 (June 2003): p. 704-719. Cooperative agreement PSW-94-0011CA.

205. Veblen, Thomas T. Key issues in fire regime research for fuels management and ecological restoration. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 259-275. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)

## 101. Soils

206. Barrett, J. E. ; Johnson, D. W. ; Burke, I. C. Abiotic nitrogen uptake in semiarid grassland soils of the U.S. Great Plains. *Soil Science Society of America journal*. Vol. 66, no. 3 (May/June 2002): p. 979-987.
207. Burke, Ingrid C. ; Lauenroth, William K. ; Cunfer, Geoff ; Barrett, John E. ; Mosier, Arvin ; Lowe, Petra. Nitrogen in the central grasslands region of the United States. *BioScience*. Vol. 52, no. 9 (Sept. 2002): p. 813-823.
208. Caldwell, T. G. ; Johnson, D. W. ; Miller, W. W. ; Qualls, R. G. Forest floor carbon and nitrogen losses due to prescription fire. *Soil Science Society of America journal*. Vol. 66, no. 1 (Jan./Feb. 2002): p. 262-267.
209. Elliot, William J. Erosion on disturbed lands. *Encyclopedia of soil science*. [Lincoln Park, N.J.] : Marcel Dekker, c2002: p. 415-418.
210. Knoepp, Jennifer D. ; Vose, James M. *Quantitative comparison of in situ soil CO<sub>2</sub> flux measurement methods*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 11 p. (Research paper SRS ; 28) <http://www.srs.fs.usda.gov/pubs/viewpub.jsp?index=4575>
211. Landsberg, Johanna D. *Bulk density and soil resistance to penetration as affected by commercial thinning in northeastern Washington*. Portland, Or. : USDA Forest Service, Pacific Northwest Research Station, [2003]: 35 p. (Research paper PNW ; 551) <http://www.fs.fed.us/pnw/pubs/rp551.pdf>
212. Liang, Naishen ; Inoue, Gen ; Fujinuma, Yasumi. A multichannel automated chamber system for continuous measurement of forest soil CO<sub>2</sub> efflux. *Tree physiology*. Vol. 23, no. 12 (Aug. 2003): p. 825-832.
213. McClellan, Michael H. ; Brock, Terry. ; Baichtal, James F. *Calcareous fens in southeast Alaska*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 11 p. (Research note PNW ; 536) <http://www.fs.fed.us/pnw/pubs/rn536.pdf>
214. Robichaud, Peter R. ; Storrar, Chapin S. *Silt happens : gathering erosion data*. [Ogden Utah] : USDA Forest Service, Rocky Mountain Research Station, 2002: 1 CD-ROM. (General technical report RMRS ; GTR-93-CD)

215. Sword, Mary A. ; Tiarks, Allan E. *Local soils information needed to define the root zone in process models on the Gulf Coastal Plain*. Asheville, NC : Southern Research Station, [2002]: 15 p. (General technical report SRS ; 58)  
<http://www.srs.fs.usda.gov/pubs/gtr/gtr%5Ftrs058.pdf>

## 102. Hydrology

216. Arave, Joseph. The early years of U.S. Forest Service avalanche control and research in Utah. *Avalanche review*. Vol. 20, no. 5 (Aug. 2002): p. 10-13.
217. Bailey, Amey Schenck. *Hydrometeorological database for Hubbard Brook Experimental Forest, 1955-2000*. Newtown Square, PA : USDA Forest Service, Northeastern Research Station ; Delaware, OH : USDA Forest Service, Publications Distribution, [2003] (General technical report NE ; 305)  
<http://www.fs.fed.us/ne/newtown%5Fsquare/publications/technical%5Freports/pdfs/2003/gtrne305.pdf>
218. Brookshire, E. N. Jack ; Dwire, Kathleen A. Controls on patterns of coarse organic particle retention in headwater streams. *Journal of the North American Benthological Society*. Vol. 22, no. 1 (March 2003): p. 17-34.
219. Greene, Ethan ; Johnson, Greg. Characterization of a deep slab avalanche cycle. *Avalanche review*. Vol. 21, no. 2 (Dec. 2002): p. 1, 17-19.
220. Hof, John ; Bevers, Michael. Sedimentation. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [13]-23.
221. Hof, John ; Bevers, Michael. Stormflow management. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [24]-41.
222. Holland, Marjorie ; Warren, Melvin L. ; Stanturf, John. *Proceedings of a conference on sustainability of wetlands and water resources : how well can riverine wetlands continue to support society into the 21st century? : Oxford, Mississippi, May 23-25, 2000*. Asheville, NC : USDA Forest Service, Southern Research Station, 2002: 191 p. (General technical report SRS ; 50)  
<http://purl.access.gpo.gov/GPO/LPS30498>
223. Kay, Jennifer E. ; Gillespie, Alan R. ; Hansen, Gary B. ; Pettit, Erin C. Spatial relationships between snow contaminant content, grain size, and surface temperature from multispectral images of Mt. Rainier, Washington (USA). *Remote sensing of environment*. Vol. 86, no. 2 (July 2003): p. 216-231.

224. Kokkonen, Teemu S. ; Jakeman, Anthony J. ; Young, Peter C. ; Koivusalo, Harri J. Predicting daily flows in ungauged catchments : model regionalization from catchment descriptors at the Coweeta Hydrologic Laboratory, North Carolina. *Hydrological processes*. Vol. 17, no. 11 (Aug. 15, 2003): p. 2219-2238.
225. Kozak, Mark C. ; Elder, Kelly ; Birkeland, Karl ; Chapman, Phillip. Investigating the relationship between slab hardness and the stuffblock stability test. *Avalanche review*. Vol. 21, no. 2 (Dec. 2002): p. 12-13.
226. Lancaster, Stephen T. ; Hayes, Shannon K. ; Grant, Gordon E. Effects of wood on debris flow runout in small mountain watersheds. *Water resources research*. Vol. 39, no. 6 (June 2003): p. ESG (4-1) - ESG (4-12).
227. Loomis, John B. ; Quattlebaum, Katherine ; Brown, Thomas C. ; Alexander, Susan J. Expanding institutional arrangements for acquiring water for environmental purposes : transactions evidence for the western United States. *International journal of water resources development*. Vol. 19, no. 1 (March 2003): p. 21-28.
228. Lytle, David A. Reconstructing long-term flood regimes with rainfall data : effects of flood timing on caddisfly populations. *Southwestern naturalist*. Vol. 48, no. 1 (Mar. 2003): p. 36-42.
229. Medina, Alvin L. A preliminary analysis of water quality conditions of the upper Verde River. *Verde Watershed Symposium : state of the watershed in 2001, Cliff Castle Lodge and Conference Center, Camp Verde, Arizona : proceedings, May 17-19, 2001*. [Flagstaff, Ariz.] : Northern Arizona University, [2001]: p. 25-33.
230. Neary, Daniel G. ; Medina, Alvin L. ; Baker, Malchus B. Jr. *Geomorphic conditions of the riparian zone, upper Verde River*. Verde Watershed Symposium : state of the watershed in 2001, Cliff Castle Lodge and Conference Center, Camp Verde, Arizona : proceedings, May 17-19, 2001. [Flagstaff, Ariz.] : Northern Arizona University, [2001]: [8] p.
231. Neary, Daniel G. Hydrologic values. *Bioenergy from sustainable forestry : guiding principles and practice*. Dordrecht ; Boston ; London : Kluwer Academic Publishers, 2002: p. 190-215.
232. Petheram, Cuan ; Dawes, Warrick ; Grayson, Rodger ; Bradford, Andrew ; Walker, Glen. A sub-grid representation of groundwater discharge using a one-dimensional groundwater model. *Hydrological processes*. Vol. 17, no. 11 (Aug. 15, 2003): p. 2279-2295.
233. Ryan, Sandra ; Dickson, Mark. *Bedload movement in a mountain gravel-bed stream : a video*. Fort Collins, Colo. : U.S. Forest Service, Rocky Mountain Research Station, Technology Transfer, Stream System Technology Center,: 1 CD-ROM.

234. Schweizer, Jurg. The rutschblock test : procedures and application in Switzerland: the swiss experience. *Avalanche review*. Vol. 20, no. 5 (Aug. 2002): p. 1, 14-15.
235. Struthers, Iain ; Hinz, Christoph ; Sivapalan, Murugesu ; Deutschmann, G. ; Beese, F. ; Meissner, R. Modelling the water balance of a free-draining lysimeter using the downward approach. *Hydrological processes*. Vol. 17, no. 11 (Aug. 15, 2003): p. 2151-2169.
236. Wells, Gary W. *Biotechnical streambank protection : b the use of plants to stabilize streambanks Gary W. Wells*. [Lincoln, Neb.] : USDA Forest Service, Rocky Mountain Research Station, USDA National Resources Conservation Service, National Agroforestry Center, 2002: 4 p. (Agroforestry notes ; 23) <http://www.unl.edu/nac/afnotes/spec-6/spec-6.pdf>
237. Wells, Gary W. *Planning biotechnical streambank protection Gary W. Wells*. [Lincoln, Neb.] : USDA Forest Service, Rocky Mountain Research Station, USDA National Resources Conservation Service, National Agroforestry Center, 2002: 4 p. (Agroforestry notes ; 24) <http://www.unl.edu/nac/afnotes/spec-7/spec-7.pdf>
238. Wigmosta, M. S. *A GIS-based modeling system for watershed analysis*. [2003]: [169] p. Final report RMRS-99031-CCS.
239. Wittenberg, Hartmut. Effects of season and man-made changes on baseflow and flow recession : case studies. *Hydrological processes*. Vol. 17, no. 11 (Aug. 15, 2003): p. 2113-2123.
240. Young, Peter. Top-down and data-based mechanistic modelling of rainfall-flow dynamics at the catchment scale. *Hydrological processes*. Vol. 17, no. 11 (Aug. 15, 2003): p. 2195-2217.

## **103. Geology/Mining/Mineral resources**

241. Anderson, Bob M. ; Barry, David ; Shields, Deborah. *Sustainable development and its influence on mining operations on federal lands : a conversation in plain language*. [Denver, Colo. : Dept. of the Interior, Bureau of Land Management, 2002?]: [4] p.

## **104. Climatology/Meteorology/Physics**

242. Davenport, Jad. Feeling the heat. *Defenders*. Vol. 78, no. 1 (Winter 2002/2003): p. 24-29.

243. Emmerich, William E. Carbon dioxide fluxes in a semiarid environment with high carbonate soils. *Agricultural and forest meteorology*. Vol. 116, nos. 1-2 (Apr. 2003): p. 91-102.
244. Hao, Wei Min. CH<sub>4</sub> and N<sub>2</sub>O emissions from savanna burning : basis for future methodological development. *Good practice guidance and uncertainty management in national greenhouse gas inventories*. Hayama, Kanagawa, Japan : Intergovernmental Panel on Climate Change, National Greenhouse Gas Inventories Program, 2002: p. 4.84-4.88.
245. Loik, Michael E. ; Redar, Sean P. Microclimate, freezing tolerance, and cold acclimation along an elevation gradient for seedlings of the Great Basin Desert shrub, *Artemisia tridentata*. *Journal of arid environments*. Vol. 54, no. 4 (Aug. 2003): p. 769-782.
246. Melillo, Jerry M. ; Janetos, Anthony C. ; Karl, Thomas R. ; Corell, Robert ; Barron, Eric J. ; Burkett, Virginia ; Cecich, Thomas F. ; Jacobs, Katharine ; Joyce, Linda ; Miller, Barbara ; Morgan, M. Granger ; Parson, Edward A. ; Richels, Richard G. ; Schimel, David S. *Climate change impacts on the United States : the potential consequences of climate variability and change : overview*. Cambridge ; New York : Cambridge University Press, 2000: 154 p.
247. Melillo, Jerry M. ; Janetos, Anthony C. ; Karl, Thomas R. ; Corell, Robert ; Barron, Eric J. ; Burkett, Virginia ; Cecich, Thomas F. ; Jacobs, Katharine ; Joyce, Linda ; Miller, Barbara ; Morgan, M. Granger ; Parson, Edward A. ; Richels, Richard G. ; Schimel, David S. *Climate change impacts on the United States : the potential consequences of climate variability and change : foundation*. Cambridge ; New York : Cambridge University Press, 2001: 612 p.
248. Ogunjemiyo, Segun O. ; Kaharabata, Samuel K. ; Schuepp, Peter H. ; MacPherson, Ian J. ; Desjardins, Ray L. ; Roberts, Dar A. Methods of estimating CO<sub>2</sub>, latent heat and sensible heat fluxes from estimates of land cover fractions in the flux footprint. *Agricultural and forest meteorology*. Vol. 117, no. 3-4 (July 2003): p. 125-144.
249. Rehfeldt, Gerald E. ; Tchekakova, Nadejda M. ; Parfenova, Yelena I. ; Wykoff, William R. ; Kuzmina, Nina A. ; Milyutin, Leonid I. Intraspecific responses to climate in *Pinus sylvestris*. *Global change biology*. Vol. 8, no. 9 (Sept. 2002): p. 912-929.
250. Swap, R. J. ; Annegarn, H. J. ; Suttles, J. T. ; Haywood J. ; Helmlinger M. C. ; Hely, C. ; Hobbs, P. V. ; Holben, B. N. ; Ji, J. ; King, Marla D. ; Landmann, T. ; Maenhaut, W. ; Otter, L. ; Pak, S. J. ; Piketh, S. J. ; Platnick, S. ; Privette, J. ; Roy, D. ; Thompson, A. M. ; Ward, Darold ; Yokelson, R. The Southern African Regional Science Initiative (SAFARI 2000) : overview of the dry season field campaign. *South African journal of science*. Vol. 98 (Mar./ Apr. 2002): p. 125-130.

## **112. Terrestrial animals**

251. Bevers, Michael ; Hof, John ; Uresk, Daniel W. ; Schenbeck, G. L. The basic model : habitat placement for the black-footed ferret. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [98]-113.
252. Gatto, Angela E. *Foraging ecology and parental behavior of red-tailed hawks sympatric with northern goshawks on the Kaibab Plateau, Arizona*. 2002. Thesis (M.S.)--Northern Arizona University, 2002: 84 p.
253. Hof, John ; Bevers, Michael ; Uresk, Daniel W. ; Schenbeck, G. L. Population-dependent dispersal : habitat placement for the black-tailed prairie dog. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [114]-124.
254. Hof, John ; Raphael, M. G. Combining simulation with optimization : habitat placement for the northern spotted owl. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [59]-71.
255. Rachlow, Janet L. ; Lee, Raymond M. ; Riley, Ryan K. Abnormal antlers and pedicles on Rocky Mountain elk in northern Arizona. *Southwestern naturalist*. Vol. 48, no. 1 (Mar. 2003): p. 147-153.
256. Tewksbury, Joshua J. ; Martin, Thomas E. ; Hejl, Sallie J. ; Kuehn, Michael J. ; Jenkins, J. Wajid. Parental care of a cowbird host : caught between the costs of egg-removal and nest predation. *Proceedings of the Royal Society of London B*. Vol. 269, no. 1489 (Feb. 2002): p. 423-429.
257. Wehtje, Walter. Range expansion of the great-tailed grackle in western North America. *Western birds*. Vol. 32, no. 2 (2001): p. 141-143.
258. Zack, Steve ; Farris, Kerry. Wildlife responses to alternative fire management treatments : the National Fire/Fire Surrogate Study approach. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 133.  
[http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)

## **113. Aquatic animals**

259. *Columbia River Basin salmon and steelhead : federal agencies' responsibilities, expenditures and actions*. Washington, D.C. : U.S. General Accounting Office, 2002: 86 p. (Report ; GAO-02-612) <http://www.gao.gov/new.items/d02612.pdf>

260. Corn, Paul Stephen. Amphibian declines : review of some current hypotheses. *Ecotoxicology of amphibians and reptiles*. [S.l.] : Society of Environmental Toxicology and Chemistry, c2000: p. 663-696.
261. Corn, Paul Stephen. Amphibians and wilderness. *International journal of wilderness*. Vol. 7, no. 2 (Aug. 2001): p. 25.
262. Dunham, Jason ; Schroeter, Robert ; Rieman, Bruce. Influence of maximum water temperature on occurrence of Lahontan cutthroat trout within streams. *North American journal of fisheries management*. Vol. 23, no. 3 (Aug. 2003): p. 1042-1049.
263. Gende, Scott M. ; Edwards, Richard T. ; Willson, Mary F. ; Wipfli, Mark S. Pacific salmon in aquatic and terrestrial ecosystems. *BioScience*. Vol. 52, no. 10 (Oct. 2002): p. 917-928.
264. Haden, G. Allen. ; Shannon, Joseph P. ; Wilson, Kevin P. ; Blinn, Dean W. Benthic community structure of the Green and Colorado rivers through Canyonlands National Park, Utah, USA. *Southwestern naturalist*. Vol. 48, no. 1 (Mar. 2003): p. 23-35.
265. Moser, Mary L. ; Close, David A. Assessing Pacific Lamprey status in the Columbia River Basin. *Northwest science*. Vol. 77, no. 2 (Spring 2003): p. 116-125.
266. Peterson, James T. ; Dunham, Jason. Combining inferences from models of capture efficiency, detectability, and suitable habitat to classify landscapes for conservation of threatened bull trout. *Conservation biology*. Vol. 17, no. 4 (Aug. 2003): p. 1070-1077.
267. Ramstad, Kristina M. ; Woody, Carol Ann. Radio tag retention and tag-related mortality among adult sockeye salmon. *North American journal of fisheries management*. Vol. 23, no. 3 (Aug. 2003): p. 978-982.
268. Rinne, John N. ; Rinne, John N. *Changes in fish population in the upper Verde River, 1994-2001. Verde Watershed Symposium : state of the watershed in 2001, Cliff Castle Lodge and Conference Center, Camp Verde, Arizona : proceedings, May 17-19, 2001*. [Flagstaff, Ariz.] : Northern Arizona University, [2001]: [9] p.
269. Ward, David L. ; Bonar, Scott A. Effects of cold water on susceptibility of age-0 flannelmouth sucker to predation by rainbow trout. *Southwestern naturalist*. Vol. 48, no. 1 (Mar. 2003): p. 43-46.

## 115. Animal ecology

270. Bevers, Michael ; Hof, John. Habitat edge effects. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [142]-161.
271. Boyce, Walter M. ; O'Brien, Chantal S. ; Rubin, Esther S. Response of bighorn sheep (*Ovis canadensis*) to feral honey bees (*Apis mellifera*) at water. *Southwestern naturalist*. Vol. 48, no. 1 (Mar. 2003): p. 81-84.
272. Cooley, Christopher R. ; Floyd, Aaron O. ; Dolinger, Amy ; Tucker, Paul B. Demography and diet of the painted turtle (*Chrysemys picta*) at high-elevation sites in southwestern Colorado. *Southwestern naturalist*. Vol. 48, no. 1 (Mar. 2003): p. 47-53.
273. LaRue, Charles T. ; Dickson, Lara L. ; Brown, Nikolle L. ; Spence, John R. ; Stevens, Lawrence E. Recent bird records from the Grand Canyon region, 1974-2000. *Western birds*. Vol. 32, no. 2 (2001): p. 101-118.
274. Lehmann, Stacey L. ; Walker, Hira A. *Yellow-billed cuckoo surveys along the middle Rio Grande, New Mexico*. Albuquerque, NM : USDA Forest Service, Rocky Mountain Research Station, 2001: 57 p.
275. Marshall, Matthew R. ; DeCecco, Jennifer A. ; Williams, Alan B. ; Gale, George A. ; Cooper, Robert J. Use of regenerating clearcuts by late-successional bird species and their young during the post-fledging period. *Forest ecology and management*. Vol. 183, no. 1/3 (Sept. 2003): p. 127-135.  
[http://www.sciencedirect.com/science?\\_ob=MImg&\\_imagekey=B6T6X-487DM2S-4-6&\\_cdi=5042&\\_orig=browse&\\_coverDate=09%2F15%2F2003&\\_sk=998169998&view=c&wchp=dGLbVtb-zSkWz&\\_acct=C000052423&\\_version=1&\\_userid=1355690&md5=ebc37a5dba1ecfe0bd7fe117449d9ec1&ie=f.pdf](http://www.sciencedirect.com/science?_ob=MImg&_imagekey=B6T6X-487DM2S-4-6&_cdi=5042&_orig=browse&_coverDate=09%2F15%2F2003&_sk=998169998&view=c&wchp=dGLbVtb-zSkWz&_acct=C000052423&_version=1&_userid=1355690&md5=ebc37a5dba1ecfe0bd7fe117449d9ec1&ie=f.pdf)
276. Ransome, Douglas B. ; Sullivan, Thomas P. Population dynamics of *Glaucomys sabrinus* and *Tamiasciurus douglasii* in old-growth and second-growth stands of coastal coniferous forest. *Canadian journal of forest research*. Vol. 33, no. 4 (Apr. 2003): p. 587-596.
277. Schmetterling, David A. Reconnecting a fragmented river : movements of westslope cutthroat trout and bull trout after transport upstream of Milltown Dam, Montana. *North American journal of fisheries management*. Vol. 23, no. 3 (Aug. 2003): p. 721-731.
278. Sogge, Mark K. ; Owen, Jennifer C. ; Paxton, Eben H. ; Langridge, Suzanne M. ; Koronkiewicz, Thomas J. A targeted mist net capture technique for the willow flycatcher. *Western birds*. Vol. 32, no. 2 (2001): p. 167-172.

279. Sparks, Dale W. ; Valdez, Ernest W. Food habits of *Nyctinomops macrotis* at a maternity roost in New Mexico, as indicated by analysis of guano. *Southwestern naturalist*. Vol. 48, no. 1 (Mar. 2003): p. 132-135.
280. Ward, James P. Jr. *Ecological responses by Mexican spotted owls to environmental variation in the Sacramento Mountains, New Mexico*. 2001. Thesis (Ph.D.)--Colorado State University, 2001: 423 p.

## 120. Range management

281. Goslee, S.C. ; Havstad, K.M. ; Peters, D.P.C. ; Rango, A. ; Schlesinger, W.H. High-resolution images reveal rate and pattern of shrub encroachment over six decades in New Mexico, U.S.A. *Journal of arid environments*. Vol. 54, no. 4 (Aug. 2003): p. 755-767.
282. Johnson, Charles G. *Green fescue rangelands : changes over time in the Wallowa Mountains*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 41 p. (General technical report PNW ; 569) <http://www.fs.fed.us/pnw/pubs/gtr569.pdf>
283. Matthews, Mark. Planning for prairie wildlife. *Defenders*. Vol. 78, no. 1 (Winter 2002/2003): p. 38-40, 42, 44.
284. Newman, Reg F. ; Hooper, Tracey D. ; Powell, George W. ; Njenga, Francis M. *The influence of range practices on waterborne disease organisms in surface water of British Columbia : a problem analysis*. [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Science Program, 2003: 45 p. (Technical report ; 8) <http://www.for.gov.bc.ca/hfd/pubs/Docs/Tr/Tr008.htm>
285. Spillman, Amy. Biodiversity rebounds after wildfire. *Agricultural research*. Vol. 51, no. 3 (Mar. 2003): p. 20-22.
286. Sundt, Peter. The statistical power of rangeland monitoring data : a range consultant shares his thoughts on when numbers are really justified--and when they aren't. *Rangelands*. Vol. 24, no. 2 (Apr. 2002): p. 16-20.

## 130. Land use

287. McKinney, Michael L. Urbanization, biodiversity, and conservation. *BioScience*. Vol. 52, no. 9 (Sept. 2002): p. 883-890.

## **131. Land and forest management**

288. *Applying best stubble heights on rangelands.* [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Practices Branch, 2003: 8 p. (Rangeland health brochure ; 6) (Brochure ; 77)  
<http://www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro77.htm>
289. *Arriving at remedial measures.* [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Practices Branch, 2002: 18 p. (Rangeland health brochure ; 2) (Brochure ; 69) (Pamphlet ; 65)  
<http://www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro69.htm>  
<http://www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro65.htm>
290. *Assessing upland and riparian areas.* [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Practices Branch, 2002: 12 p. (Rangeland health brochure ; 1) (Brochure ; 68) <http://www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro68.htm>
291. *Considering tools for remediation.* [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Practices Branch, 2002: 20 p. (Rangeland health brochure ; 4) (Brochure ; 72) (Pamphlet ; 67)  
<http://www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro72.htm>  
<http://www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro67.htm>
292. *Understanding ecosystem processes.* [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Practices Branch, 2002: 10 p. (Rangeland health brochure ; 3) (Brochure ; 71) (Pamphlet ; 66)  
<http://www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro71.htm>  
<http://www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro66.htm>
293. *Using range readiness criteria.* [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Practices Branch, 2003: 8 p. (Rangeland health brochure ; 5) (Brochure ; 76) <http://www.for.gov.bc.ca/hfd/pubs/Docs/Bro/Bro76.htm>
294. Bettinger, Pete ; Sessions, John. Spatial forest planning : to adopt or not to adopt? *Journal of forestry.* Vol. 101, no. 2 (Mar. 2003): p. 24-29.
295. Cerulean, Susan. Killer roads. *Defenders.* Vol. 77, no. 1 (Winter/Spring 2002): p. 12-17.
296. Covington, William Wallace. Restoring ecosystem health in frequent-fire forests of the American West. *Ecological restoration,* Vol. 21, no. 1 (Mar. 2003): p. 7-11.
297. Curtis, Alan B. *Horse Rock Ridge Research Natural Area : guidebook supplement* 27. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 30 p. (General technical report PNW ; 571)  
<http://purl.access.gpo.gov/GPO/LPS30877>

298. Danby, Ryan K. ; Slocombe, D. Scott. Protected areas and intergovernmental cooperation in the St. Elias region. *Natural resources journal*. Vol. 42, no. 2 (Spring 2002): p. 247-282.
299. Gordon, Iain J. Browsing and grazing ruminants : are they different beasts? *Forest ecology and management*. Vol. 181, no. 1/2 (Aug. 2003): p. 13-21.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-48BC0W8-2&\\_user=1355690&\\_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&\\_fmt=full&\\_coverDate=08%2F03%2F2003&\\_rdoc=2&\\_orig=browse&\\_srch=%23toc%235042%232003%23998189998%23441121!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=7110de55a4ce3ccfe7aed024825266c1](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-48BC0W8-2&_user=1355690&_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&_fmt=full&_coverDate=08%2F03%2F2003&_rdoc=2&_orig=browse&_srch=%23toc%235042%232003%23998189998%23441121!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=7110de55a4ce3ccfe7aed024825266c1)
300. Hann, Wendel J. ; Wisdom, Michael J. ; Rowland, Mary M. *Disturbance departure and fragmentation of natural systems in the interior Columbia basin*. Portland, Or. : USDA Forest Service, Pacific Northwest Research Station, [2003]: 19 p. (Interior Columbia Basin Ecosystem Management Project--scientific assessment) (Research paper PNW ; 545)  
<http://www.fs.fed.us/pnw/pubs/rp545.pdf>
301. Hobbs, N. Thompson. Challenges and opportunities in integrating ecological knowledge across scales. *Forest ecology and management*. Vol. 181, no. 1/2 (Aug. 2003): p. 223-238.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-48KFGM9-1&\\_user=1355690&\\_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&\\_fmt=full&\\_coverDate=08%2F03%2F2003&\\_rdoc=18&\\_orig=browse&\\_srch=%23toc%235042%232003%23998189998%23441121!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=c50ec602ef9b9374511c11984cb204ee](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-48KFGM9-1&_user=1355690&_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&_fmt=full&_coverDate=08%2F03%2F2003&_rdoc=18&_orig=browse&_srch=%23toc%235042%232003%23998189998%23441121!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=c50ec602ef9b9374511c11984cb204ee)
302. Houston, Laurie L. ; Watanabe, Michio ; Kline, Jeffrey D. ; Alig, Ralph J. *Past and future water use in Pacific Coast states*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 37 p. (General technical report PNW ; 588) <http://www.fs.fed.us/pnw/pubs/gtr588.pdf>
303. Ingalsbee, Timothy. From analysis paralysis to agency-community collaboration in fuels reduction for fire restoration : a success story. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 225-239.  
[http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
304. Innes, John L. ; Er, Kenneth B. H. Questionable utility of the frontier forest concept. *BioScience*. Vol. 52, no. 12 (Dec. 2002): p. 1095-1109.

305. Kittredge, David B. Jr. ; Finley, Andrew O. ; Foster, David R. Timber harvesting as ongoing disturbance in a landscape of diverse ownership. *Forest ecology and management*. Vol. 180, no. 1/3 (July 2003): p. 425-442.  
[http://harvardforest.fas.harvard.edu/publications/pdfs/Kittredge\\_ForEcol&Man\\_2003.pdf](http://harvardforest.fas.harvard.edu/publications/pdfs/Kittredge_ForEcol&Man_2003.pdf)
306. Macie, Edward A. ; Hermansen, L. Annie. *Human influences on forest ecosystems : the southern wildland-urban interface assessment*. Asheville, NC : USDA Forest Service, Southern Research Station, 2002: 160 p. (General technical report SRS ; 55) <http://www.srs.fs.usda.gov/pubs/gtr/gtr%5Fsrs055.pdf>
307. Moore, Ken. ; Davis, Bob ; Duck, Timothy. Mt. Trumbull Ponderosa Pine Ecosystem Restoration Project. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 117-132. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
308. Phillips, Adrian. Turning ideas on their head : the new paradigm for protected areas. *George Wright forum*. Vol. 20, no. 2 (June 2003): p. 8-32.
309. Rickenbach, Mark G. ; Gobster, Paul H. Stakeholders' perceptions of parcelization in Wisconsin's Northwoods. *Journal of forestry*. Vol. 101, no. 6 (Sept. 2003): p. 18-23.
310. Singer, Francis J. ; Schoenecker, Kathryn A. Do ungulates accelerate or decelerate nitrogen cycling? *Forest ecology and management*. Vol. 181, no. 1/2 (Aug. 2003): p. 189-204.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-48JSM27-1&\\_user=1355690&\\_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&\\_fmt=full&\\_coverDate=08%2F03%2F2003&\\_rdoc=16&\\_orig=browse&\\_srch=%23toc%235042%232003%23998189998%23441121!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=5d49159f9fd01ca59c2acfe201dc2e14](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-48JSM27-1&_user=1355690&_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&_fmt=full&_coverDate=08%2F03%2F2003&_rdoc=16&_orig=browse&_srch=%23toc%235042%232003%23998189998%23441121!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=5d49159f9fd01ca59c2acfe201dc2e14)
311. Soules, Michael C. An analysis of Northwest Forest Plan land use allocations. *Natural resources journal*. Vol. 42, no. 2 (Spring 2002): p. 353-383.
312. Tainter, Joseph A. A framework for sustainability. *World futures*. Vol. 59, nos. 3-4 (April-June 2003): p. 213-223.

313. White, Clifford A. ; Feller, Michael C. ; Bayley, Suzanne. Predation risk and the functional response of elk-aspen herbivory. *Forest ecology and management*. Vol. 181, no. 1/2 (Aug. 2003): p. 77-97.  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-48J45J0-2&\\_user=1355690&\\_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&\\_fmt=full&\\_coverDate=08%2F03%2F2003&\\_rdoc=8&\\_orig=browse&\\_srch=%23toc%235042%232003%23998189998%23441121!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=92fd8abd52c8e0e0cde5fb40f71edd79](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-48J45J0-2&_user=1355690&_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&_fmt=full&_coverDate=08%2F03%2F2003&_rdoc=8&_orig=browse&_srch=%23toc%235042%232003%23998189998%23441121!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=92fd8abd52c8e0e0cde5fb40f71edd79)

## 132. Urban forestry

314. Edwards, Kearstin K. ; Bliss, John. It's a neighborhood now : practicing forestry at the urban fringe. *Journal of forestry*. Vol. 101, no. 3 (Apr./May 2003): p. 6-11.
315. Elmendorf, William F. ; Cotrone, Vincent J. ; Mullen, Joseph T. Trends in urban forestry practices, programs, and sustainability : contrasting a Pennsylvania, U.S. study. *Journal of arboriculture*. Vol. 29, no. 4 (July 2003): p. 237-248.
316. Jensen, Ryan R. ; Boulton, James R. ; Harper, Bruce T. The relationship between urban leaf area and household energy usage in Terre Haute, Indiana, U.S. *Journal of arboriculture*. Vol. 29, no. 4 (July 2003): p. 226-230.
317. McPerson, E. Gregory. Urban forestry : the final frontier? *Journal of forestry*. Vol. 101, no. 3 (Apr./May 2003): p. 20-25.
318. Schroeder, Herbert W. ; Green, Thomas L. ; Howe, Timothy J. Community tree programs in Illinois, U.S. : a statewide survey and assessment. *Journal of arboriculture*. Vol. 29, no. 4 (July 2003): p. 218-225.

## 133. Agroforestry

319. *Arboles trabajando en beneficio de la agricultura*. Lincoln, Neb. : USDA National Agroforestry Center, 2002: 6 p.  
<http://www.unl.edu/nac/brochures/wta/wta-s.pdf>
320. Clason, Terry ; Clason, Terry. *From pine forest to a silvopasture system*. Lincoln, Neb. : USDA National Agroforestry Center, 2000: 4 p. (Agroforestry notes ; 18)  
<http://www.unl.edu/nac/afnotes/sil-3/sil-3.pdf>
321. Clason, Terry ; Robinson, James L. *De un bosque de Pino hacia un sistema silvopastoril*. Lincoln, Neb. : USDA National Agroforestry Center, 2000: 4 p. (Agroforestry notes ; 18) <http://www.unl.edu/nac/afnotes/sil-3/sil-3s.pdf>

322. Hou, Qingjiang ; Brandle, James ; Hubbard, Kenneth ; Schoeneberger, Michele ; Nieto, Carlos ; Francis, Charles. Alteration of soil water content consequent to root-pruning at a windbreak/crop interface in Nebraska, USA. *Agroforestry systems*. Vol. 57, no. 2 (Feb. 2003): p. 137-147.
323. Mayer, Andrea C. ; Stockli, Veronika ; Huovinen, Christine ; Konold, Werner ; Estermann, Beda L. ; Kreuzer, Michael. Herbage selection by cattle on sub-alpine wood pastures. *Forest ecology and management*. Vol. 181, no. 1/2 (Aug. 2003): p. 39-50. [http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T6X-48J45J0-3&\\_user=1355690&\\_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&\\_fmt=full&\\_coverDate=08%2F03%2F2003&\\_rdoc=5&\\_orig=browse&\\_srch=%23toc%235042%232003%23998189998%23441121!&\\_cdi=5042&view=c&\\_acct=C000052423&\\_version=1&\\_urlVersion=0&\\_userid=1355690&md5=1693e9d7ce446d73ff4c8e60359dfaf8](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6X-48J45J0-3&_user=1355690&_handle=W-WA-A-A-WB-MsSAYWA-UUA-AUZBBCAUBE-WWVEVDVAC-WB-U&_fmt=full&_coverDate=08%2F03%2F2003&_rdoc=5&_orig=browse&_srch=%23toc%235042%232003%23998189998%23441121!&_cdi=5042&view=c&_acct=C000052423&_version=1&_urlVersion=0&_userid=1355690&md5=1693e9d7ce446d73ff4c8e60359dfaf8)
324. Robinson, James L. ; Clason, Terry. *De sistemas pastoriles a silvopastoriles*. Lincoln, Neb. : USDA National Agroforestry Center, 2000: 4 p. (Agroforestry notes ; 22) <http://www.unl.edu/nac/afnotes/sil-4/sil-4s.pdf>
325. Wight, Bruce ; Stuhr, Kimberly. *Windbreaks : an agroforestry practice* Bruce Wight, Kimberly Stuhr. [Lincoln, Neb.] : USDA Forest Service, Rocky Mountain Research Station, USDA National Resources Conservation Service, National Agroforestry Center, 2002: 4 p. (Agroforestry notes ; 25) <http://www.unl.edu/nac/afnotes/wb-1/wb-1.pdf>

## 134. Rural development

326. Haynes, Richard W. *Assessing the viability and adaptability of forest-dependent communities in the United States*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 33 p. (General technical report PNW ; 567) <http://www.fs.fed.us/pnw/pubs/gtr567.pdf>

## 140. Forest Recreation

327. Bowker, James M. ; English, Donald B. K. *Mountain biking at Tsali : an assessment of users, preferences, conflicts, and management alternatives*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 28 p. (General technical report SRS ; 59) <http://www.srs.fs.usda.gov/pubs/gtr/gtr%5Fsrs059.pdf>
328. Cole, David N. Biophysical impacts of wildland recreation use. *Trends in outdoor recreation, leisure and tourism*. [New York] : CABI International, 2000: p. 257-264.

329. Cole, David N. Ecological impacts of wilderness recreation and their management. *Wilderness management: Stewardship and protection of resources and values*. 3rd ed. Golden, Colo. : Fulcrum Publishing, 2002: p. 413-459.
330. English, Donald B. K. *Forest Service national visitor use monitoring process : research method documentation*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 14 p. (General technical report SRS ; 57)  
<http://www.srs.fs.usda.gov/pubs/gtr/gtr%5Fsrs057.pdf>
331. Hensiek, Jennifer J. Owyhee canyonlands : recreation and aircraft noise : a project description. *Women in natural resources*. Vol. 22, no. 3 (2001): p. 43-45.
332. Hesseln, Hayley ; Loomis, John B. ; Gonzalez-Caban, Armando. The effects of fire on hiking demand : a travel cost study of Colorado and Montana. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 177-186.  
[http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
333. Kellam, Janet. National Avalanche Center : 2001-2002 season roundup. *Avalanche review*. Vol. 21, no. 1 (Fall 2002): p. 1, 11-15.
334. Martin, Vance G. ; Watson, Alan. International wilderness. *Wilderness management: Stewardship and protection of resources and values*. 3rd ed. Golden, Colo. : Fulcrum Publishing, 2002: p. 49-99.
335. Meyer, Kevin G. *Managing degraded off-highway vehicle trails in wet, unstable, and sensitive environments*. [Missoula, Mont.] : USDA Forest Service, Technology & Development Program, 2002: 48 p.
336. Schuster, Rudy ; Hammitt, William E. Visitor experiences of stress and reported hassles in the Shining Rock Wilderness Area. *International journal of wilderness*. Vol. 7, no. 2 (Aug. 2001): p. 26-29.
337. Watson, Alan E. Sustainable financing of wilderness protection : an experiment with fees in the United States. *International journal of wilderness*. Vol. 7, no. 3 (Dec. 2001): p. 12-16.
338. Williams, Daniel R. ; McIntyre, Norman. Where heart and home reside : changing constructions of place and identity. *Trends 2000 : 5th Outdoor Recreation & Tourism Trends Symposium: shaping the future, September 17-20, 2000, Lansing, Michigan*. East Lansing, Mich. : Michigan State University, 2001: p. 392-403.  
<http://www.prr.msu.edu/trends2000/pdf/williams.pdf>

339. Zarnoch, Stanley J. *A pilot sampling design for estimating outdoor recreation site visits on the national forests*. Asheville, NC : USDA Forest Service, Southern Research Station, [2003]: 20 p. (Research paper SRS ; 29) <http://www.srs.fs.usda.gov/pubs/rp/rp%5Fsrs029.pdf>

## 150. Social science and education

340. *Understanding community-forest relations*. Portland, Or. : USDA Forest Service, Pacific Northwest Research Station, [2003]: 162 p. (General technical report PNW ; 566) <http://www.fs.fed.us/pnw/pubs/gtr566.pdf>
341. Cohn, Jeffrey P. Environmental conflict resolution. *BioScience*. Vol. 52, no. 5 (May 2002): p. 400-404.
342. Cottingham, Kathryn L. Tackling biocomplexity : the role of people, tools, and scale. *BioScience*. Vol. 52, no. 9 (Sept. 2002): p. 793-799.
343. Donoghue, Ellen M. *Delimiting communities in the Pacific Northwest*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 51 p. (General technical report PNW ; 570) <http://www.fs.fed.us/pnw/pubs/gtr570.pdf>
344. Ehrlich, Paul R. Human natures, nature conservation, and environmental ethics. *BioScience*. Vol. 52, no. 1 (Jan. 2002): p. 31-43.
345. Hansen, Andrew J. ; Rasker, Ray ; Maxwell, Bruce ; Rotella, Jay J. ; Johnson, Jerry D. ; Parmenter, Andrea Wright ; Langner, Ute ; Cohen, Warren B. ; Lawrence, Rick L. ; Kraska, Matthew P. V. Ecological causes and consequences of demographic change in the New West. *BioScience*. Vol. 52, no. 2 (Feb. 2002): p. 151-162.
346. Leperi, Karin D. Forest Service at risk : ecoterrorism escalation poses threat to employees. *Women in natural resources*. Vol. 22, no. 1 (2001): p. 18-24.
347. Lybecker, Donna ; Lamb, Berton Lee ; Ponds, Phadrea D. Public attitudes and knowledge of the black-tailed prairie dog : a common and controversial species. *BioScience*. Vol. 52, no. 7 (July 2002): p. 607-613.
348. McCool, Stephen F. ; Kruger, Linda E. *Human migration and natural resources : implications for land managers and challenges for researchers*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 19 p. (General technical report PNW ; 580) <http://www.fs.fed.us/pnw/pubs/gtr580.pdf>
349. McIntosh, Roderick J. ; Tainter, Joseph A. ; McIntosh, Susan Keech. Climate, history, and human action. *Way the wind blows : climate, history, and human action*. New York : Columbia University Press, 2000: p. 1-23.

350. McIntosh, Roderick J. ; Tainter, Joseph A. ; McIntosh, Susan Keech. *The way the wind blows : climate, history, and human action*. New York : Columbia University Press, 2000: 413 p.
351. Patterson, Sara. A cooperative fire prevention adventure. *Fire management today*. Vol. 63, no. 1 (Winter 2003): p. 14-15.
352. Rideout, Douglas B. Social sciences and the economics of moderation in fuels treatment. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 163-166. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)
353. Rudis, Victor A. *Fresh ideas, perspectives, and protocols associated with forest inventory and analysis surveys : graduate reports, 1974 to July 2001*. Asheville, NC : USDA Forest Service, Southern Research Station, [2003]: 49 p. (General technical report SRS ; 61) <http://www.srs.fs.usda.gov/pubs/gtr%5Fsr061.pdf>
354. Schelhas, John. *Activities of the Alabama Consortium on Forestry Education and Research, 1993-1999*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 32 p. (General technical report SRS ; 49) <http://purl.access.gpo.gov/GPO/LPS31461>
355. Tainter, Joseph A. ; Tainter, Joseph A. Global change, history, and sustainability. *Way the wind blows : climate, history, and human action*. New York : Columbia University Press, 2000: p. 331-356.
356. Tainter, Joseph A. Sustainable rural communities : general principles and North American indicators. *People managing forests : the links between human well-being and sustainability*. Washington, D.C. : Resources for the Future ; Bogor, Indonesia : Center for International Forestry Research, 2001: p. 347-361.

## **160. Ecology--General**

357. *Endangered species program : information on how funds are allocated and what activities are emphasized*. Washington, D.C. : U.S. General Accounting Office, 2002: 71 p. (Report ; GAO-02-581) <http://www.gao.gov/new.items/d02581.pdf>
358. Bevers, Michael ; Flather, Curtis H. Characteristics of the discrete reaction-diffusion model. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [78]-97.
359. Bevers, Michael ; Flather, Curtis H. Multiscaled ecological limiting factors. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [203]-220.

360. Bevers, Michael ; Flather, Curtis H. Reaction-diffusion models. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [73]-77.
361. Garnett, Gregg N. *Wildlife use of witches' brooms induced by dwarf mistletoe in ponderosa pine forests of northern Arizona*. 2002. Thesis (M.S.)--Northern Arizona University, 2002: 75 p.
362. Hof, John ; Bevers, Michael. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: 257 p. (Complexity in ecological systems)
363. Hof, John ; Rideout, D. ; Binkley, D. Carbon fixation in trees as an optimization process. *Spatial optimization in ecological applications*. New York : Columbia University Press, c2002: p. [221]-232.
364. Kratz, Timothy K. ; Deegan, Linda A. ; Harmon, Mark E. ; Lauenroth, William K. Ecological variability in space and time : insights gained from the US LTER program. *BioScience*. Vol. 53, no. 1 (Jan. 2003): p. 57-67.
365. McKelvey, Kevin S. ; Noon, Barry R. Incorporating uncertainties in animal location and map classification into habitat relationships modeling. *Spatial uncertainty in ecology : implications for remote sensing and GIS applications*. [S.l.] : Springer, 2001: p. 72-98.
366. Medina, Alvin L. A preliminary analysis of riparian habitat conditions of the upper Verde River. *Verde Watershed Symposium : state of the watershed in 2001, Cliff Castle Lodge and Conference Center, Camp Verde, Arizona : proceedings, May 17-19, 2001*. [Flagstaff, Ariz.] : Northern Arizona University, [2001]: p. 16-24.
367. Sanderson, Eric W. ; Jaiteh, Malanding ; Levy, Marc A. ; Redford, Kent H. ; Wannebo, Antoinette V. ; Woolmer, Gillian. The human footprint and the last of the wild. *BioScience*. Vol. 52, no. 10 (Oct. 2002): p. 891-904.
368. Turchin, Peter. *Complex population dynamics : a theoretical/empirical synthesis*. Princeton, N.J. : Princeton Univeristy Press, c2003: 450 p. (Monographs in population biology ; 35)
369. Watson, Alan E. A focus on circumpolar north wilderness values. *International journal of wilderness*. Vol. 7, no. 3 (Dec. 2001): p. 34.
370. Whitlock, Cathy ; Shafer, Sarah L. ; Marlon, Jennifer. The role of climate and vegetation change in shaping past and future fire regimes in the northwestern US and the implications for ecosystem management. *Forest ecology and management*. Vol. 178, no. 1/2 (June 2003): p. 5-21.

## **170. Wildlife management**

371. Harthun-Holte, Cynthia. *A multi-scale analysis of elk distribution and habitat use in the central Black Hills, South Dakota.* 2003. Thesis (Ph.D.) --South Dakota School of Mines, 2003: 166 p.
372. Hayes, Robert D. ; Farnell, Richard ; Ward, Richard M. P. ; Carey, Jean ; Dehn, Michael ; Kuzyk, Gerald W. ; Baer, Alan M. *Experimental reduction of wolves in the Yukon : ungulate responses and management implications.* Bethesda, MD : Wildlife Society, c2003: 35 p. (Wildlife monographs : no. 152)
373. Kamler, Jan F. ; Lee, Raymond M. ; DeVos, James C. Jr. ; Ballard, Warren B. ; Whitlaw, Heather A. Mortalities from climbing accidents of translocated bighorn sheep in Arizona. *Southwestern naturalist.* Vol. 48, no. 1 (Mar. 2003): p. 145-147.
374. Malfi, Ronald. *Canada lynx survey : unauthorized hair samples submitted for analysis.* Washington, D.C. : U.S. General Accounting Office, 2002: 3 p. (GAO-02-496T) <http://www.gao.gov/new.items/d02496t.pdf>
375. Malfi, Ronald. *Unauthorized hair samples submitted for analysis.* Washington, D.C. : U.S. General Accounting Office, 2002: 13 p. (GAO-02-488R) <http://www.gao.gov/new.items/d02488r.pdf>
376. Wirth, Troy A. ; Pyke, David A. Restoring forbs for sage grouse habitat : fire, microsites, and establishment methods. *Restoration ecology.* Vol. 11, no. 3 (Sept. 2003): p. 370-377.
377. Wood, Colene. *Grizzly bear habitat in managed forests : silviculture treatments to meet habitat and timber objectives.* Victoria, B.C. : British Columbia Ministry of Forests, Research Program, 2001: 7 p. (Extension note ; 54) <http://www.for.gov.bc.ca/hfd/pubs/Docs/En/En54.htm>

## **210. Forest products--General**

378. *Proceedings, Hidden Forest Values : the first Alaska-Wide Nontimber Forest Products Conference and Tour,* November 8-11, 2001. Portland, Or. : USDA, Pacific Northwest Research Station, [2003] (General technical report PNW ; 579) <http://www.fs.fed.us/pnw/pubs/gtr579/>
379. Berch, Shannon M. ; Cockedge, Wendy. *Commercially important wild mushrooms and fungi of British Columbia : what the buyers are buying.* [Victoria, B.C.] : British Columbia Ministry of Forests, Forest Science Program, 2003: 6 p. (Technical report ; 6) <http://www.for.gov.bc.ca/hfd/pubs/Docs/Tr/Tr006.htm>

380. Emery, Marla R. *Special forest products in context : gatherers and gathering in the eastern United States*. Newtown Square, PA : USDA Forest Service, Northeastern Research Station, [2003]: 59 p. (General technical report NE ; 306) [http://www.fs.fed.us/ne/newtown\\_square/publications/technical\\_reports/pdfs/2003/gtrne306.pdf](http://www.fs.fed.us/ne/newtown_square/publications/technical_reports/pdfs/2003/gtrne306.pdf)
381. Enk, Gordon A. ; Hart, Stuart L. *Developing and commercializing sustainable new wood products : a process for identifying viable products*. Madison, WI : USDA Forest Service, Forest Products Laboratory, [2003]: 46 p. (General technical report FPL ; 136) <http://www.fpl.fs.fed.us/documents/fplgtr/fplgtr136.pdf>
382. Lynch, Kathryn A. ; McLain, Rebecca J. *Access, labor, and wild floral greens management in western Washington's forests*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003] (General technical report PNW ; 585) <http://www.fs.fed.us/pnw/pubs/gtr585.pdf>
383. Schuler, Albert T. ; Buehlmann, Urs. *Identifying future competitive business strategies for the U.S. residential wood furniture industry : benchmarking and paradigm shifts*. Newtown Square, PA : USDA Forest Service, Northeastern Research Station, [2003]: 15 p. (General technical report NE ; 304) <http://www.fs.fed.us/ne/newtown%5Fsquare/publications/technical%5Freports/pdfs/2003/gtrne304.pdf>
384. Spelter, Henry. ; Alderman, Matthew. *Profile 2003 : softwood sawmills in the United States and Canada*. Madison, WI : USDA Forest Service, Forest Products Laboratory, [2003]: [79] p. (Research paper FPL ; 608)

## **211. Forest products--Industry**

385. Bentley, James W. ; Howell, Michael ; Johnson, Tony G. *Louisiana's timber industry--an assessment of timber product output and use, 1999*. Asheville, NC : USDA Forest Service, Southern Research Station, [2003]: 39 p. (Resource bulletin SRS ; 81) <http://www.srs.fs.usda.gov/pubs/viewpub.jsp?index=5356>
386. Bentley, James W. ; Johnson, Tony G. ; Becker, Charles W. *Virginia's timber industry : an assessment of timber product output and use, 1999*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 41 p. (Resource bulletin SRS ; 74) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs074.pdf>
387. Bentley, James W. ; Johnson, Tony G. ; Howell, Michael. *Arkansas' timber industry : an assessment of timber product output and use, 1999*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 40 p. (Resource bulletin SRS ; 79) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs079.pdf>

388. Howell, Michael ; Gober, Jim R. ; Nix, J. Stephen. *Alabama's timber industry : an assessment of timber product output and use, 1999*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 39 p. (Resource bulletin SRS ; 75) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs075.pdf>
389. Howell, Michael ; Johnson, Tony G. *Oklahoma's timber industry--an assessment of timber product output and use, 1999*. Asheville, NC : USDA Forest Service, Southern Research Station, [2003]: 28 p. (Resource bulletin SRS ; 82) <http://www.srs.fs.usda.gov/pubs/viewpub.jsp?index=5357>
390. Howell, Michael ; Wright, Robert C. *Tennessee's timber industry : an assessment of timber product output and use, 1999*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 39 p. (Resource bulletin SRS ; 76) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs076.pdf>
391. Johnson, Tony G. ; Brown, David R. *North Carolina's timber industry : an assessment of timber product output and use, 1999*. Asheville, NC : USDA Forest Service, Southern Research Station, 2002: 39 p. (Resource bulletin SRS ; 73) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs073.pdf>
392. Johnson, Tony G. ; Harper, Richard A. ; Bozzo, Michael J. *South Carolina's timber industry : an assessment of timber product output and use, 1999*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 34 p. (Resource bulletin SRS ; 70) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs070.pdf>
393. Johnson, Tony G. ; Lowe, Larry. *Kentucky's timber industry : an assessment of timber product output and use, 1999*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 45 p. (Resource bulletin SRS ; 71) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs071.pdf>
394. Piva, Ronald J. ; Gallion, Joey. *Indiana timber industry : an assessment of timber product output and use, 2000*. St. Paul, Minn. : North Central Forest Experiment Station, Forest Service, USDA, 2003: 109 p. (Resource bulletin NC ; 216) [http://www.ncrs.fs.fed.us/pubs/rb/rb\\_nc216.pdf](http://www.ncrs.fs.fed.us/pubs/rb/rb_nc216.pdf)

## 212. Forest products--Economics

395. Johnson, Tony G. ; Steppleton, Carolyn D. *Southern pulpwood production, 2000*. Asheville, NC : USDA Forest Service, Southern Research Station, [2002]: 34 p. (Resource bulletin SRS ; 69) <http://www.srs.fs.usda.gov/pubs/rb/rb%5Fsrs069.pdf>
396. Warren, Debra D. *Production, prices, employment, and trade in northwest forest industries, all quarters 2001*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 171 p. (Resource bulletin PNW ; 239) <http://www.fs.fed.us/pnw/pubs/rb239/rb239.pdf>

## **221. Wood conversion, handling, and processing**

397. Nicholls, David L. ; Brackley, Allen M. ; Allen, Travis. *Moisture distributions in western hemlock lumber from trees harvested near Sitka, Alaska*. Portland, OR : USDA Forest Service, Pacific Northwest Research Station, [2003]: 8 p. (Research note PNW ; 530) <http://www.fs.fed.us/pnw/pubs/rn530.pdf>
398. Simpson, William Turner ; Wang, Xiping ; Verrill, S. P. *Heat sterilization time of Ponderosa pine and Douglas-fir boards and square timbers*. Madison, Wis. : USDA Forest Service, Forest Products Laboratory, [2003]: 24 p. (Research paper FPL-RP ; 607) <http://www.fpl.fs.fed.us/documents/fplrp/fplrp607.pdf>

## **232. Physical and mechanical properties.**

399. Laufenberg, Theodore ; Krzysik, A. ; Winandy, Jerrold E. *Improving engineered wood fiber surfaces for accessible playgrounds*. Madison, WI : USDA Forest Service, Forest Products Laboratory, [2003]: 15 p. (General technical report FPL ; 135) <http://www.fpl.fs.fed.us/documents/fplgtr/fplgtr135.pdf>

## **250. Wood utilization**

400. *The national wood in transportation program [electronic resource] : information on modern timber bridges in the United States, 1988-2001*. [Morgantown, W. Va. : National Wood in Transportation Program, 2001]: 1 CD-ROM.
401. Prokupets, Daniel ; Mackes, Kurt ; Smith, Skip. Co-firing wood biomass with coal at the Canon City Power Plant. *Fire, fuel treatments, and ecological restoration : conference proceedings, April 16-18, 2002*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-29: p. 203-206. [http://www.fs.fed.us/rm/pubs/rmrs\\_p029.pdf](http://www.fs.fed.us/rm/pubs/rmrs_p029.pdf)

## **300. Other topics**

402. Montgomery, Scott L. *The Chicago guide to communicating science*. Chicago : University of Chicago Press, 2003: 228 p.
403. Tremper, Bruce. Winning the media game. 1, Talking points and media packets. *Avalanche review*. Vol. 20, no. 5 (Aug. 2002): p. 8.
404. Tremper, Bruce. Winning the media game. 2, Dealing with print and television media. *Avalanche review*. Vol. 21, no. 1 (Fall 2002): p. 6-7.
405. Tremper, Bruce. Winning the media game. 3, Press releases and when things go wrong. *Avalanche review*. Vol. 21, no. 2 (Dec. 2002): p. 8.