

Curriculum Vitae: Dale L. Bartos

Research Scientist

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EDUCATION

Colorado State University, Range Science/Systems Ecology, PhD. 1972.
Fort Hays State University, Botany, M.S. 1968.
Fort Hays State University, General Science, B.S. 1966.

APPOINTMENTS

2007-Present: RESEARCH SCIENTIST (RMRS-4157), Logan, UT.
2001-2007: PROJECT LEADER/RESEARCH ECOLOGIST (RMRS-4301), Logan, UT.
2000-2001: ACTING PROJECT LEADER (RMRS-4301), Logan, UT.
1996-2000: ECOLOGIST, Reclamation of Disturbed Lands Work Unit (RMRS-4301), Logan, UT.
1992-1996: ECOLOGIST, Population Dynamics of the Mountain Pine Beetle (INT-4501), Ogden, UT.
1984-1992: OPERATIONS RESEARCH ANALYST, Population Dynamics of the Mountain Pine Beetle (INT-4501), Ogden, UT.
1972-1984: RANGE SCIENTIST, Aspen Ecosystem Project (INT-1751), Logan, UT.
1968-1971: RESEARCH ASSISTANT, Colorado State University, Fort Collins, CO.

RELEVANT PUBLICATIONS

D. L. Bartos. 2008. Great Basin Aspen Ecosystems. p. 57-60. In: Chambers, J. C.; Devoe, N; Evenden, A. eds. 2008. Collaborative management and research in the Great Basin --- examining the issues and developing a framework for action. Gen. Tech. Rep. RMRS-GTR-204. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 66 p.

Stam, B. R., J.C. Malechek, **D. L. Bartos**, J. E. Bowns, and E. B. Godfrey. 2008. Effect of Conifer Encroachment into Aspen Stands on Understory Biomass. Rangeland Ecol. Manage. 61:93-97.

Bartos, D. L. 2007. Aspen. In: Hood, S. M. and M. Miller, (eds). Fire Ecology and Management of the Major Ecosystems of Southern Utah. Gen. Tech. Rep. RMRS-GTR-202. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. P. 39-55.

Rogers, P. C., W. D. Shepperd, and **D. L. Bartos.** 2007. Aspen in the Sierra Nevada: Regional Conservation of a Continental Species. Natural Areas Journal 27 (2): 183-193.

Shepperd, W. D.; Rogers, P. C.; Burton, D. and **D. L. Bartos.** 2006. Ecology, biodiversity, management, and restoration of aspen in the Sierra Nevada. Gen. Tech. Rep. RMRS-GTR-178. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 122 p.

Sexton, J. O., R. D. Ramsey, and **D. L. Bartos.** 2006. Habitone analysis of quaking aspen I the Utah Book Cliffs: Effects of site water demand and conifer cover. Ecological Modelling. 198: 301-311.

Laycock, W. A., **D. L. Bartos** and K. D. Klement. 2002. Species richness Inside and Outside

- Long-term Enclosures. Pp 183-188. In: Hild, Ann L.; Shaw, N. L.; Meyer, S. E.; Booth, D. T.; McArthur, E. D., comps. 2004. Seed and soil dynamics in shrubland ecosystems: proceedings; 2002 August 12-16; Laramie, WY. Proc. RMRS-P-31. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 216 p.
- Shepperd, W. D., **D. L. Bartos**, and S. A. Mata. 2001. Above- and below-ground effects of aspen clonal regeneration and succession to conifers. *Canadian Journal of Forest Research*. 31: (5)739-745.
- Amacher, M. C., **D. L. Bartos**, T. Christopherson, A. D. Johnson, and D.C. Kutterer. 2001. Nitrogen mineralization I aspen/conifer soils after a natural fire. In: Shepperd, W. D.; Binkley, D.; Bartos, D. L.; Stohlgren, T. J.; Eskew, L. G., comps. Sustaining aspen in western landscapes: symposium proceedings; 2000 June 13-15; Grand Junction, CO. RMRS-P-18. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station: 415-426.
- Campbell, R. B., Jr. and **D. L. Bartos**. 2001. Aspen ecosystems: objectives for sustaining biodiversity. In: Shepperd, W. D. and D. L. Bartos comps. Sustaining aspen in western landscapes: symposium proceedings; 2000 June 13-15; Grand Junction, Co. RMRS-P-18. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station: 299-307.
- Bartos, D. L.** 2001. Landscape dynamics of aspen and conifer forests. In: Shepperd, W. D.; Binkley, D.; Bartos, D. L.; Stohlgren, T. J.; Eskew, L. G., comps. Sustaining aspen in western landscapes: symposium proceedings; 2000 June 13-15; Grand Junction, CO. RMRS-P-18. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station: 5-14.
- Shepperd, W. D.; Binkley, D.; **Bartos, D. L.**; Stohlgren, T. J.; Eskew, L. G., comps. 2001. Sustaining aspen in western landscapes: symposium proceedings; 2000 June 13-15; Grand Junction, CO. RMRS-P-18. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 460 p.
- Kay, C. E. and **D. L. Bartos**. 2000. Ungulate herbivory on Utah aspen: assessment of long-term exclosures. *J. Range Management* 53(2):145-153.
- Amacher, M. C., A. D. Johnson, T. Christopherson, D. E. Kutterer, **D. L. Bartos**, and J. Kotuby Amacher. 1999. Nitrogen mineralization in the aspen ecosystem. Proceedings Meeting held SLC, March 3-5, 1999. 14 p.
- Bartos, D. L.** and Richard F. Schmitz. 1998. Characteristics of endemic- level mountain pine beetle populations in south-central Wyoming. Research Paper RMRS-RP-13. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 9 p.
- Bartos, D. L.** and Robert B. Campbell, Jr. 1998. Water depletion and other ecosystem values forfeited when conifer forests displace aspen communities. Proceedings, Specialty Conference on Rangeland Management and Water Resources. May 27-29, 1998. Reno, Nevada.
- Bartos, D. L.** and Michael C. Amacher. 1998. Soil properties associated with aspen to conifer succession. *Rangelands* 20(1):25-28.
- Bartos, D. L.** and Robert B. Campbell, Jr. 1998. Decline of quaking aspen in the Interior West-examples from Utah. *Rangelands* 20(1):17-24.