



New Literature of Interest to Restoration Ecologists in the Southwest

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- *Abella, Scott R. and W. Wallace Covington. 2006. Vegetation–environment relationships and ecological species groups of an Arizona *Pinus ponderosa* landscape, USA. *Plant Ecology* 185:255-268.
- *Abella, Scott R., Peter Z. Fulé, and W. Wallace Covington. 2006. Diameter caps for thinning southwestern ponderosa pine forests: viewpoints, effects, and tradeoffs. *Journal of Forestry* 104(8):407-414.
- Banerjee, Monisha J., Vanda J. Gerhart, and Edward P. Glenn. 2006. Native plant regeneration on abandoned desert farmland: Effects of irrigation, soil preparation, and amendments on seedling establishment. *Restoration Ecology* 14(3):339-348.
- Bataineh, Amanda L., Brian P. Oswald, Mohammad M. Bataineh, Hans M. Williams, and Dean W. Coble. 2006. Changes in understory vegetation of a ponderosa pine forest in northern Arizona 30 years after a wildfire. *Forest Ecology and Management* 235:283-294.
- Brown, Peter M. and Blaine Cook. 2006. Early settlement forest structure in Black Hills ponderosa pine forests. *Forest Ecology and Management* 223:284-290.
- Burton, Carla M., Philip J. Burton, Richard Hebda, and Nancy J. Turner. 2006. Determining the optimal sowing density for a mixture of native plants used to revegetate degraded ecosystems. *Restoration Ecology* 14(3):379-390.
- Collins, Brandon M., Jason J. Moghaddas, and Scott L. Stephens. 2007. Initial changes in forest structure and understory plant communities following fuel reduction activities in a Sierra Nevada mixed conifer forest. *Forest Ecology and Management* 239:102-111.
- Converse, Sarah J., William M. Block, and Gary C. White. 2006. Small mammal population and habitat responses to forest and prescribed fire. *Forest Ecology and Management* 228:263-273.

* Indicates articles written by ERI staff or faculty, or funded by ERI.



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- Falk, Donald A. 2006. Process-centered restoration and reference dynamics. *Journal for Nature Conservation* 14:140-151.
- *Fulé, Peter Z. and Daniel C. Laughlin. 2007. Wildland fire effects on forest structure over an altitudinal gradient, Grand Canyon National Park, USA. *Journal of Applied Ecology* 44:136-146.
- Gundale, Michael J., Kerry L. Metlen, Carl E. Fiedler, and Thomas H. DeLuca. 2006. Nitrogen spatial heterogeneity influences diversity following restoration in a ponderosa pine forest, Montana. *Ecological Applications* 16(2):479-489.
- *Hart, Stephen C., Paul C. Selmants, Sarah I. Boyle, and Steven T. Overby. 2006. Carbon and nitrogen cycling in southwestern ponderosa pine forests. *Forest Science* 52(6):683-693.
- Jackson, Stephen T. Vegetation, environment, and time: the origination and termination of ecosystems. *Journal of Vegetation Science* 17:549-557.
- Johansson, P. and Peter B. Reich. 2005. Population size and fire intensity determine post-fire abundance in grassland lichens. *Applied Vegetation Science* 8:193-198.
- Kerns, Becky K., Walter G. Thies, and Christine G. Niwa. 2006. Season and severity of prescribed burn in ponderosa pine forests: implications for understory native and exotic plants. *Ecoscience* 13(1):44-55.
- Keyes, Christopher R. and J. Morgan Varner. 2006. Pitfalls in the silvicultural treatment of canopy fuels. *Fire Management Today* 66(3):46-50.
- Kirkman, L. Katherine, Robert J. Mitchell, R. Carol Helton, and Mark B. Drew. 2001. Productivity and species richness across an environmental gradient in a fire-dependent ecosystem. *American Journal of Botany* 88(11):2119-2128.
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- *Laughin, Daniel C., Margaret M. Moore, Jonathan D. Bakker, Cheryl A. Casey, Judith D. Springer, Peter Z. Fulé, and W. Wallace Covington. 2006. Assessing targets for the restoration of herbaceous vegetation in ponderosa pine forests. *Restoration Ecology* 14(4):548-560.
- Luscier, Jason D., William L. Thompson, John M. Wilson, Bruce E. Gorham, and Lucian D. Dragut. 2006. Using digital photographs and object-based image analysis to estimate percent ground cover in vegetation plots. *Frontiers in Ecology and Environment* 4(8):408-413.
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- Noss, Reed F., Jerry F. Franklin, William L. Baker, Tania Schoennagel, and Peter B. Moyle. 2006. Managing fire-prone forests in the western United States. *Frontiers in Ecology and Environment* 4(9):481-487.
- *Ostergren, David M., Kimberly A. Lowe, Jesse B. Abrams, and Elizabeth J. Ruther. 2006. Public perceptions of forest management in North Central Arizona: the paradox of demanding more involvement but allowing limits to legal action. *Journal of Forestry* 104(7):375-382.
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- *Snider, Gary, P.J. Daugherty, and D. Wood. 2006. The irrationality of continued fire suppression: an avoided cost analysis of fire hazard reduction treatments versus no treatment. *Journal of Forestry* 104(8):431-437.
- Vanderwel, Mark C., Jay R. Malcolm, and Sandy M. Smith. 2006. An integrated model for snag and downed woody debris decay class transitions. *Forest Ecology and Management* 234:48-59.
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- *Wightman, Catherine S. and Stephen S. Germaine. 2006. Forest stand characteristics altered by restoration affect western bluebird habitat quality. *Restoration Ecology* 14(4):653-661.
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