

6 • Literature Cited

- Agee, J.K., Bahro, B., Finney, M., Omi, P.N., Sapsis, D.B., Skinner, C.N., van Wagendonk, J. W., Weatherspoon, C.P. 2000. The Use of Fuelbreaks in Landscape Fire Management. *Forest Ecology and Management* 127:55-66.
- Agee, J.K. 1996. The influence of forest structure on fire behavior. pp. 52-68 In *Proceedings, 17th Forest Vegetation Management Conference*, Redding, California.
- AGFD. 2001a. Arizona Game and Fish Department Regional Elk Operational Plan. December 3, 2001. 40 pp. www.azgfd.com.
- AGFD. 2001b. Arizona Game and Fish Department Wildlife 2006 Strategic Plan. January 22, 2001. 96 pp. www.azgfd.com.
- Andersen, D.E., O.J. Rongstad and W.R. Mytton. 1990. Home range changes in raptors exposed to increased human activity levels in southeastern Colorado. *Wildl. Soc. Bull.* 18(2):134-142.
- Arno, S.F. 1996. The concept: restoring ecological structure and process in ponderosa pine forests, pp. 37-38, INT-GTR 341.
- Bailey, R.W. and K.T. Rinell. 1968. History and management of the wild turkey in West Virginia. *W. Va. Dept. Nat. Resour. Bull.* 6. 59 pp.
- Benoit, M. 1996. Wildlife assessment for the West Clear Creek ecosystem assessment. Manuscript on file, Coconino National Forest, Flagstaff, Arizona.
- Biswell, H.H., H.R. Kallander, R. Komerek, R.J. Vogl, and H. Weaver. 1973. Ponderosa pine management. Tall Timbers Research Station Miscellaneous Publication No. 2, Tall Timbers Research Station. Tallahassee, FL.
- Block, et al. 1996. Recovery Plan for the Mexican spotted owl.
- Brown, T.C and T.C Daniel. 1984. Modeling Forest Scenic Beauty: Concepts and Application to Ponderosa Pine. USDA Forest Service Research Paper RM-256.
- Buckley, A.J. 1992. Fire behavior and fuel reduction burning: Bemm River Wildfire, October 1988. *Australian Forestry* 55: 135-147.
- Campbell, R.E., M.B. Baker, P.F. Folliott, F.R. Larson, C.C. Avery. 1977. Wildfire effects on a ponderosa pine ecosystem: an Arizona case study. USDA Forest Service Research Paper RM-191. Rocky Mountain Forest and Range Exp. Station, Fort Collins, CO. 12 p.
- Chojnacky, D.C., B.J. Bentz, and J.A. Logan. 2000. Mountain pine beetle attack in ponderosa pine: comparing methods for rating susceptibility. USDA Forest Service Research Paper RMRS-RP-26. 10 p.
- Cooper, C.F. 1960. Changes in vegetation, structure, and growth of southwestern pine forests since white settlement. *Ecological Monographs* 30:129-1.
- Covington, W. W., and M.M. Moore. 1994. Postsettlement changes in natural fire regimes and forest structure: ecological restoration of old-growth ponderosa pine forests. *Journal of Sustainable Forestry* 2:153-181.
- Covington, W.W., and M.M. Moore. 1994. Southwestern ponderosa forest structure; changes since Euro-American settlement. *J. For.* 92 (1):39-47.
- Covington, W.W., P.Z. Fule, M.M. Moore, S.C. Hart, T.E. Kolb, J.N. Mast, S.S. Sackett, and M.R. Wagner. 1997. Restoration of ecosystem health in southwestern ponderosa pine forests. *J. For.* 95 (4):23-29.
- Covington, W.W., and S.S. Sackett. 1992. Spatial variation in soil mineral nitrogen following prescribed burning in ponderosa pine. *Forest Ecology and Management* 54:175-191.
- Covington, W.W. and S.S. Sackett. 1990. Fire effects on ponderosa pine soils and their management implications. Pages 105-111 in *Effects of Fire Management of Southwestern Natural Resources*. Proceedings of the Symposium. November 15-17, 1988. Tucson, Arizona. General Technical Report RM-191. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station. 293 pp.
- Covington, W.W., and S.S. Sackett. 1986. Effect of periodic burning on soil nitrogen concentrations in ponderosa pine. *Soil Science Society of America Journal* 50:452-457.

- Covington, W.W., and S.S. Sackett. 1984. The effect of a prescribed burn in southwestern ponderosa pine on organic matter and nutrients in woody debris and forest floor. *Forest Science* 30:183-192.
- Dargan, C.M. 1991. Roost site characteristics of bald eagles wintering in north-central Arizona. Masters Thesis. Northern Arizona University, Flagstaff, Arizona. 73 pp.
- Dargan, C., J. Agyagos, T. Cain, B. Phillips, and G. Goodwin. 1996. Amended biological assessment for the re-initiation of consultation on the Coconino National Forest Plan as amended. May 10, 1996. Coconino National Forest, Flagstaff, AZ.
- Davis, J.R., P.F. Ffolliott, and W.P. Clary. 1968. A fire prescription for consuming ponderosa pine duff. USDA Forest Service. Research Note RM-115. Rocky Mountain Forest and Range Experimental Station, Fort Collins, CO. 4 p.
- DeBano, L.F. 1990. Effects of fire on the soil resource in Arizona chaparral. Pages 65-77 in *Effects of Fire Management of Southwestern Natural Resources*. Proceedings of the Symposium. November 15-17, 1988. Tucson, Arizona. General Technical Report RM-191. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station 293 pp.
- DeMars, C.J. and B.H. Roettgering. 1982. Western pine beetle. USDA Forest Service Forest Insect & Disease Leaflet 1. 8 p.
- Dieterich, J.M. 1980. Chimney Springs forest fire history. USDA Forest Service Research Paper RM-220, 8 p.
- Dodd, N.L., S.S. Rosenstock, C.R. Miller, and R.E. Schweinsburg. 1998. Tassel-eared squirrel population dynamics in Arizona: index techniques and relationships to habitat condition. Arizona Game and Fish Department Technical Report 27, Phoenix, AZ. 49 pp.
- Edge, W.D. and C.L. Marcum. 1991. Topography ameliorates the effects of roads and human disturbance on elk. Pages 132-137 in A.G. Christensen, L.J. Lyon and T.N. Lonner (compilers), *Proceedings of a Symposium on Elk Vulnerability*. Montana State University, Bozeman, Montana. April 10-12, 1991. Montana Chapter of The Wildlife Society. 330 pp.
- Edminster, C.B. and W.K. Olsen. 1996. Thinning as a tool for restoration and maintaining stand structure in stands of southwestern ponderosa pine. In *Conference on adaptive ecosystem restoration and management: restoration of cordilleran conifer landscapes of north America*. General Technical Report RM-GTR-278. Fort Collins, CO: USDA Forest Service. 61-67.
- Everett, R., P. Hessburg, M. Jensen, and B. Borman. 1994. Eastside forest ecosystem health assessment. Pacific Northwest Research Station, GTR-317. USDA, Forest Service.
- Feeney, S.R., T.E. Kolb, M.R. Wagner, and W.W. Covington. 1998. Influence of thinning and burning restoration treatments on presettlement ponderosa pines at the Gus Pearson Natural Area. *Canadian Journal of Forest Research* 28: 1295-1306.
- Feeney, S.R., T.E. Kolb, M.R. Wagner, and W.W. Covington. 1996. Restoration treatments benefit old-growth ponderosa pine physiology and insect resistance. Presented at the Society of American Foresters National Convention, November 9-13, 1996, Albuquerque, NM.
- Fiedler, C.E., 1996, *Silvicultural applications: Restoring ecological structure and process in ponderosa pine forests.*, pp. 39-40, INT-GTR-341., Ogden, UT: USDA, Forest Service, Intermountain Research Station.
- Gaines, E.M., H.R. Kallander, and J.A. Waganer. 1958. Controlled burning in southwestern ponderosa pine: results from the Blue Mountain plots, Fort Apache Indian Reservation. *Journal of Forestry*. 58:323-327.
- Garton, E.O., B. Hall, and T.C. Foin. 1977. The impact of a campground on the bird community of a lodgepole pine forest. Pages 37-43 in T.C. Foin, Jr., editor, *Visitor Impacts on National Parks: The Yosemite Ecological Impact Study*. University of California, Davis. Inst. Ecol. Publ. 99 pp.
- Gladden, J.T. 1999. Letter regarding Appeal #00-03-00-0005-A215, Fort Valley Restoration (Phase I) Project, Peaks Ranger District, Coconino National Forest. File Code 1570-1 (2400), December 14, 1999. USDA Forest Service, Southwestern Region, Albuquerque, New Mexico. 16pp.

- Griffis, K.L., J.A. Crawford, M.R. Wagner, and W.H. Moir. 2001. Understory response to management treatments in northern Arizona ponderosa pine forests. *Forest Ecology and Management*. In press.
- Gruell, G.E., G. Roby, K. Becker and R. Johnson. 1976. Gros Ventre cooperative elk study, June 1975-November 1975. Progress Report. Brigger-Teton National Forest and Wyoming Game and Fish Department. 127 pp.
- Harrington, M.G. 1981. Preliminary burning prescriptions for ponderosa pine fuel reductions in southwestern AZ. 7pp. United States Rocky Mountain Station Research Notes.
- Harrington, M.G. 1987. Ponderosa pine mortality from spring, summer and fall crown scorching. *Western J. of Applied Forestry* 31 (1):156-163.
- Harrington, M.G. and S.S. Sackett. 1990. Using fires as a management tool in southwestern ponderosa pine. *In Effects of Fire Management of southwestern natural resources*. General Technical Report RM-191. Fort Collins, CO: USDA Forest Service.
- Holbrook, H.T. and M.R. Vaughan. 1985. Influence of roads on turkey mortality. *J. Wildl. Manage.* 49(3):611-614.
- Holbrook, H.T. and M.R. Vaughan. 1985. Influence of roads on turkey mortality. *J. Wildl. Manage.* 49(3):611-614.
- Knorr, P.N. 1963. One effect of control burning on the Fort Apache Reservation. *In Proceedings of the seventh annual watershed symposium, arizona watershed program*. University of Arizona. 35-37.
- Larson, M.M. and G.H. Schubert. 1970. Gone crops of ponderosa pine in central Arizona, including influence of Abert squirrels. USDA For. Serv. Res. Paper RM-58. Fort Collins, CO. 15 pp.
- Latta, M.J., C.J. Beardmore, and T.E. Corman. 1999. Version 1.0. Arizona Partners in Flight Bird Conservation Plan. Technical Report 142. Nongame and Endangered Wildlife Program. Arizona Game and Fish Department. 2221 W. Greenway Road, Phoenix, AZ 85023-4399. 331 pp.
- Laverty, et al. 2000
- Lindemuth, A.W. Jr. 1960. A survey of effects of intentional burning on fuels and timber stands of ponderosa pine in Arizona. USDA Forest Service. Rocky Mountain Forest and Range Experiment Station. Paper 54.
- Lindezey, J.S. 1967. Highlights of management. Pages 245-259 in O.H. Hewitt, editor, *The Wild Turkey and its Management*. The Wildlife Society, Washington, D.C.
- McKelvey and others. 1996. An overview of fire in the Sierra Nevada. In: *Sierra Nevada Ecosystem Project: Final report to Congress. Vol II, Assessments and water and wildland resources*.
- Miller, R. and T. Randall-Parker. 1998. Effects of Prescribed Burn Monitoring on Key Wildlife Habitat Components. Unpublished. Presented at the AZ/NM Chapters of the Wildlife Society Annual Meeting, February 1998.
- Negrón, J.F., J.L Wilson, J.A. Anhold. 2000. Stand conditions associated with roundheaded pine beetle (Coleoptera: Scolytidae) infestations in Arizona and Utah.
- Parker, D.L. 1991. Integrated pest management guide: Arizona five-spined Ips, *Ips lecontei* Swaine, and Pine engraver, *Ips pini* (Say), in ponderosa pine. USDA Forest Service, Southwestern Region, R-3 91-8. 17 p.
- Pearson, G.A. 1950. Management of ponderosa pine in the southwest. USDA Agricultural Monograph 6, 218 p. Forest Service, Washington, D.C.
- Oliver, C.D., Ferguson, D.E., Harvey, A.E., Malany, H.S., Mandzak, J.M., Mutch, R.W. 1994. Managing ecosystems for forest health: An approach and the effects on uses and values. *Journal of Sustainable Forestry (The Haworth Press, Inc.)* Vol. 2. No 1/2, 1994 pp. 113-133.
- Ottmar, R.D., 1997. Letter to David Blair, Aide to Senator Ron Wyden, Washington, D.C., File Code 4400.
- Pajkos, K. 2001. Personal communication with Keith Pajkos of the Arizona State Land Department, Flagstaff, Arizona. December 2001.

- Patton, D.R. 1995. R3HARE – a logical wildlife relationships data model for southwestern national forests. Computerized model, Northern Arizona University, School of Forestry, Flagstaff, Arizona.
- Patton, D.R., R.L. Wadleigh, and H.G. Hudak. 1985. The effects of timber harvest on the Kaibab squirrel. *Journal of Wildlife Management*. 49:14 – 19.
- Phillips, A.R., J. Marshall, and G. Monson. 1964. The birds of Arizona. Tucson, AZ, University of Arizona Press.
- Phillips, B. and L. Moser. 2001. Integrated Weed Management Practices for the Coconino, Kaibab and Prescott National Forests. U.S. Department of Agriculture, Forest Service, Southwestern Region. Revised September 23, 2001.
- Reynolds, R. T., R. T. Graham, M.H. Reiser, R. L. Bassett, P. L. Kennedy, D. A. Boyce, Jr., G. Goodwin, R. Smith, and E. L. Fisher. 1992. Management Recommendations for the Northern Goshawk in the Southwestern United States. Gen. Tech. Rep. RM-217 USDA Forest Service, Fort Collins, CO.
- Ryan, K.C. and J. Losensky. 1988. Predicting postfire mortality of seven western conifers. *Canadian Journal of Forestry*. 18:1291-1297.
- Sackett, S.S. 1980. Reducing natural ponderosa pine fuels using prescribed fire: Two case studies. USDA Forest Service. Research Note RM-392. 6p.
- Sackett, S.S., S.M. Haase, and M.G. Harrington. 1996. Lessons learned from fire use for restoring southwestern ponderosa pine ecosystems. Pages 53-60. In: Covington W.W., P.K. Wagner (Tech. Coord.), Conference on adaptive ecosystems restoration and management: restoration of cordilleran conifer landscapes of North America. USDA Forest Service General Technical Report RM-GTR-278, Rocky Mountain Forest and Range Experiment Station, Fort Collins CO.
- Sampson, R.N. 1994. Report of the national commission on wildfire disasters. *American Forests*. Sept/Oct. pp. 13-16.
- Sauer, J.R., J.E. Hines, G. Gough, I. Thomas, and B.G. Peterjohn. 1997. The North American Breeding Bird Survey Results and Analysis. Version 96.4. Patuxent Wildlife Research Center, Laurel, MD.
- Sauer, J.R., J.E. Hines, and J. Fallon. 1996. The North American Breeding Bird Survey home page: Partners in Flight analysis. Patuxent Wildlife Research Center, Laurel, MD.
- Scott, J., 1998. Reduce fire hazards in Ponderosa pine by thinning. pp. 20-25, *Fire Management Notes*. Vol. 58 No. 1.
- Scott, J., 1998. Reduce fire hazards in Ponderosa pine by thinning. pp. 20-25, *Fire Management Notes*. Vol. 58 No. 1.
- Swezy, M.D., Agee, J.K., 1991. Prescribed-fire effects on fine-root and tree mortality in old-growth ponderosa pine., pp626-634, *Canadian Journal of Forest Research*, Volume 21, No. 5.
- Terres, J.K. 1991. The Audubon Society encyclopedia of North American birds. New York, New York. Wings Books. 1109 pp.
- The Nature Conservancy. 1999. Natural heritage conservation databases. Accessed by USDA Forest Service under Grant n. 97-CCS-230.
- USDA Forest Service. 1987 and amendments. Coconino National Forest Plan. Southwestern Region.
- USDA Forest Service. 1999. Coconino National Forest Management Indicator Species (updated 11/2/99). Unpublished Report. Region 3. 5 pp.
- USDA Forest Service. 2000. Protecting People and Sustaining Resources in Fire-adapted Ecosystems. October
- USDA Forest Service. 2001a. Biological assessment and evaluation for proposed wildland urban interface fuel treatment in New Mexico and Arizona. U.S. Department of Agriculture, Forest Service, Southwestern Region, Albuquerque, New Mexico, April 6, 2001. 259 pp. <http://www.fs.fed.us/r3/wui>.
- USDA Forest Service. 2001b. Interstate 17 wireless communication system proposal, Orme Road to Flagstaff, Environmental Assessment. Coconino National Forest, Southwestern Region. April 2001. Pages 39-42.

- USDA Forest Service. 2001c. Decision notice and finding of no significant impact (FONSI) Interstate 17 corridor (I-17) wireless communications system. Coconino National Forest, Southwestern Region. September 6, 2001. 19 pp.
- USDA Forest Service. 2001d. Update on the status of some management indicator species. Letter to files by H. Green, February 22, 2001.
- USDI Fish and Wildlife Service. 1995. Recovery plan for the Mexican spotted owl (*Strix occidentalis lucida*). Vol I. U.S. Department of the Interior, Fish and Wildlife Service, Southwestern Region, Albuquerque, New Mexico, October 16, 1995. 172 pp.
- USDI Fish and Wildlife Service. 1997. U.S. Department of Interior Fish and Wildlife Service biological opinion and conference opinion: land and resource management plans, as amended, for eleven national forests and national grasslands in the southwestern region. December 19, 1997. Albuquerque, New Mexico. 130 pp.
- USDI Fish and Wildlife Service. 1999. Final rule to remove the American Peregrine Falcon from the Federal List of Endangered and Threatened Wildlife, and to remove the similarity of Appearance Provision for Free-Flying Peregrines in the conterminous United States. August 25, 1999. Federal Register 64, No. 164, pp. 46542 - 440875.
- USDI Fish and Wildlife Service. 2001. Biological and conference opinion for proposed wildland urban interface fuel treatment in New Mexico and Arizona submitted by the Forest Service. U.S. Department of the Interior, Fish and Wildlife Service, April 10, 2001. Albuquerque, New Mexico. 136 pp. <http://www.fs.fed.us/r3/wui>.
- Van der Zande, A.N., J.C. Berkhuisen, H.C. Van Latestejn, W.J. ter Keurs, and A.J. Popplelars. 1984. Impact of outdoor recreation on the density of a number of breeding bird species in the woods adjacent to urban residential areas. *Bird. Conserv.* 30:1-39.
- Van Wagendonk, J.W. 1996. Use of a deterministic fire growth model to test fuel treatments. pp. 1155-1165 In: *Sierra Nevada Ecosystem Project: Final Report to Congress, Vol II, Assessments and scientific basis for management options.* University of Ca. Davis, Centers for Water and Wildland Resources.
- Vincenty, J.A., III. 1974. Special wildlife investigations: study of factors affecting nesting raptor populations in urban areas, Sacramento County, California. California Department Fish and Game Project W-054-R-06/QP03/J6.1. 23 pp.
- Weatherspoon, C.P. 1996. Fire-silviculture relationships in sierra forests. In: *Sierra Nevada Ecosystem Project: Final Report to Congress, Vol. II, Assessments and scientific basis for management options.* Univ. of CA, Davis, Centers for Water and Wildland Resources. 1167-1176.
- Weaver, H. 1943. Fire as an ecological and silvicultural factor in the ponderosa pine region of the Pacific slope. *J. Forestry* 41:7-14.
- Weaver, H. 1952. A preliminary report on prescribed burning in virgin ponderosa pine. *Journal of Forestry* 52:662-667.
- White, A.S. 1985. Presettlement regeneration patterns in a southwestern ponderosa pine stand. *Ecology* 66(2):589-594.
- Wooldridge, D.D. and H. Weaver. 1965. Some effects of thinning a ponderosa pine thicket with a prescribed fire, II. *Journal of Forestry* 63:92-95.
- Wright, R.J. 1996. Fire effects on fine roots, mycorrhizae, and nutrient dynamics in a southwestern ponderosa pine forest. Masters Thesis, May 1996. Northern Arizona University, Flagstaff, Arizona.

