

Appendix L: References Cited

The material listed throughout this section refers to documents and other sources of information that may be obtained from the government entities who published it (see location codes listed in table below), online (when listed), at the public libraries in the Lake Tahoe area (South Lake Tahoe, CA; Zephyr Cove and Carson City, NV) or by writing directly to the publisher.

Table L 1. Specific common locations of materials published by government entities

Location Codes:	Information may be obtained at:
LTBMU -	U.S. Forest Service, Lake Tahoe Basin Management Unit office. 35 College Drive, South Lake Tahoe, CA 96150. http://www.fs.usda.gov/ltbmu
Region 5 (R5) -	U.S. Forest Service, Pacific Southwest Regional Office (National Forests in California), 1323 Club Drive, Vallejo, CA 94592. http://www.fs.fed.us/r5/
PSW -	U.S. Forest Service, Pacific Southwest Research Station, 800 Buchanan Street, West Annex Building, Albany, CA 94710-0011. http://www.fs.fed.us/psw/
FSM & FSH -	U.S. Forest Service Manuals (FSM) and Forest Service Handbooks (FSH) - Office of the Chief of the Forest Service, 1400 Independence Ave., SW Washington, D.C. 20250-0003. http://www.fs.fed.us/im/directives/
SWRCB -	State of California Water Resources Control Board office, 1001 I Street, Sacramento, CA 95814 http://www.waterboards.ca.gov/
TRPA -	Tahoe Regional Planning Agency office, 128 Market Street, PO Box 5310, Stateline, NV 89449. http://www.trpa.org/

Publishers of professional journal articles (e.g., *Society of American Foresters*, *Journal of Wildlife Management*) offer article abstracts and topic summaries from third-party online database services (and may require organizational subscriptions or purchase of individual articles). These databases of available journal articles are commonly called “science citation” and “social science citation” indexes. Two popular online sources to access professional journal articles are:

- JSTOR (Journal Storage) database - <http://www.jstor.org/>
- Thomson-Reuters Web of Science - <http://ip-science.thomsonreuters.com/mjl/>

References Cited

- Abella, S. 2009. Smoke-Cued Emergence in Plant Species of Ponderosa Forests: Contrasting Greenhouse and Field Results. *Fire Ecology Special Issue*. Vol.5, No 1, 2009. Pp 22-37.
- Agee, J.K. 1993. *Fire ecology of Pacific Northwest forests*. Island Press, Washington, DC.
- Agee, J. K., B. Bahro, M. A. Finney, P. N. Omi, D. B. Sapsis, C. N. Skinner, J. W. van Wagtenonk, and C. P. Weatherspoon. 2000. The use of shaded fuel breaks in landscape fire management. *Fire Ecology and Management*. 127: 55-66.
- Ager, A.A., N.M. Vaillant, M.A. Finney. 2010. A comparison of landscape fuel treatment strategies to mitigate wildland fire risk in the urban interface and preserve old forest structure. *Forest Ecology and Management*. 259: 1556-1570.
- Ahuja, S. 2006. Fire and Air Resources. In: *Fire in California Ecosystem* (edited Neil et al 2006). Univ. of CA. Press Berkley. pp. 481-498.
- Air and Radiation. U.S. Environmental Protection Agency, Office of Transportation and Air Quality. 2002. Regulatory announcement: Frequently asked questions from snowmobile owners (EPA420-F-02-040). Retrieved from website: <http://www.epa.gov/agriculture/epa-420-f-02-038.pdf>
- Air Resource Specialists, Inc. 1996. Carbon Monoxide and Particulate Matter Levels at Yellow Stone National Park. Results of an Ambient Air Quality Study. Draft report Prepared for the National Park Service.
- Akagi, S.K., R.J. Yokelson, C. Wiedinmyer, et al. 2011. Emission factors for open and domestic biomass burning for use in atmospheric models, *Atmos. Chem. Phys.*, 11, 4039-4072, doi:10.5194/acp-11-4039-2011, 2011. www.atmos-chem-phys.net/11/4039/2011/.
- Akweeds. Online resource. Online summaries for several weed species from University of Alaska; individual authors not listed. [On-line] Available at: <http://akweeds.uaa.alaska.edu/> (Accessed 12/28/2009).
- Al-Shehbaz, Ihsan A. 2003. *Boechera rectissima*. In: *Flora of North America* Editorial Committee, eds. 1993+. *Flora of North America North of Mexico*. 16+ vols. New York and Oxford. Vol. 7, pp. 40.
- Allen, E.O. 1968. Range Use, Foods, Condition, and Productivity of White-Tailed Deer in Montana. *The Journal of Wildlife Management* 32, no. 1: 130-41.
- Allen, A.W. 1982. Habitat suitability index models: Marten. FWS/OBS-82/10.11, Fort Collins, CO: U.S. Department of the Interior Fish and Wildlife Service.
- Anderson, Hal E. 1982. Aids to determining fuel models for estimating fire behavior. USDA Forest Service GTR-INT-122, 22p.
- Angwin, Peter A., D.R., Cluck, P.J. Zambino, B.W. Oblinger and W.C. Woodruff. 2012. Hazard Tree Guidelines For Forest Service Facilities and Roads in the Pacific Southwest Region. Report #RO-12-01 (April 2012). USDA Forest Service. CA: Vallejo. Region 5 Forest Health Protection.
- Anthony, B. and D. A. Clark. 2008. Burned Landscapes of Southwestern Oregon: What's in it for Northern Spotted Owls? *Fire Science Brief*, Issue 15 (October), pp. 1-6.

- Arnold J. and T. Koel. 2006. Effects of snowmobile emissions on the chemistry of snowmelt runoff in yellowstone national park, Final Report, Fisheries and Aquatic Sciences Section, Center for Resources, Yellowstone National Park.
- Arnold, R.M. 1982. Pollination, Predation and Seed Set in *Linaria Vulgaris* (Scrophulariaceae). *American Midland Naturalist* 107, no. 2: 360-69.
- Auble, G. T., J. M. Friedman, and M. L. Scott. 1994. Relating riparian vegetation to present and future streamflows. *Ecological Applications* 4: 544-554.
- Assessment and Standards Division. U.S. Environmental Protection Agency, Office of Transportation and Air Quality. 2002. Final regulatory support document: Control of emissions from unregulated nonroad engines (EPA420-F-02-022). Retrieved from website: [http://yosemite1.epa.gov/ee/epa/ria.nsf/vwAN/A.2002.10-A.pdf/\\$file/A.2002.10-A.pdf](http://yosemite1.epa.gov/ee/epa/ria.nsf/vwAN/A.2002.10-A.pdf/$file/A.2002.10-A.pdf)
- Bailey, R. 1974. Land-Capability Classification of the Lake Tahoe Basin, California-Nevada: A Guide to Planning. Forest Service, U.S. Department of Agriculture in cooperation with the Tahoe Regional Planning Agency. South Lake Tahoe, Calif.
- Baker, M., M. Lacki, G. Falxa, P. Droppelman, R. Slack, and S. Slankard. 2008. Habitat use of pallid bats in coniferous forests of northern California. *Northwest Science* 82(4).
- Baldwin, B. G., D. H. Goldman, D. J. Keil, R. Patterson, T. J. Rosatti, and D. H. Wilken, editors. 2012. The Jepson manual: vascular plants of California, second edition. University of California Press, Berkeley.
- Banci, V. 1994. Wolverine. In: Ruggiero, L.F. Aubry, K.B. Buskirk, S.W. Lyon, et al (eds). The scientific basis for conserving forest carnivores: American marten, fisher, lynx, and wolverine in the western United States. General Technical Report RM-254. U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado.
- Barbour, M., E. Kelley, P. Maloney, D. Rizzo, E. Royce, and J. Fites-Kaufmann. 2002. Present and past old-growth forests of the Lake Tahoe Basin, Sierra Nevada, US. *Journal of Vegetation Science* 13: 461-472.
- Baron, J. C. Driscoll, et al. 2011. Empirical Critical Loads of Atmospheric Nitrogen Deposition for Nutrient Enrichment and Acidification of Sensitive US Lakes, *BioScience*, August 2011 Vol. 61 No. 8, doi: 10.1525/bio.2011.61.8.6 <http://www.bioone.org/doi/full/10.1525/bio.2011.61.8.6>
- Barton, D.C., A. L. Holmes. 2007. Off-Highway vehicle trail impacts on breeding songbirds in northeastern California, *Journal of Wildlife Management* 71(5): 1617-1620.
- Batra, S.W.T. 1979. Insects Associated with Weeds in the Northeastern United-States .2. Cinquefoils, *Potentilla-Norvegica* and *Potentilla-Recta* (Rosaceae)." *Journal of the New York Entomological Society* 87, no. 3: 216-22.
- Battye, W., R. Battye, 2002. Development of emissions inventory methods for wildland fire. Final report to the U.S. EPA OAQPS, EPA Contract No. 68-D-98-046. Available at: [/http://www.epa.gov/ttn/chief/ap42/ch13/related/firerept.pdf](http://www.epa.gov/ttn/chief/ap42/ch13/related/firerept.pdf).
- Beaty, R. M., and A. H. Taylor. 2007. Fire disturbance and forest structure in old-growth mixed conifer forests in the northern Sierra Nevada, California. *Journal of Vegetation Science* 18: 879-890.

- Beaty, R. M., and A. H. Taylor. 2008. Fire history and the structure and dynamics of a mixed conifer forest landscape in the northern Sierra Nevada, Lake Tahoe Basin, California, USA. *Forest Ecology and Management* 255: 707–719.
- Beck, K.G. 2001. Russian knapweed. Fact sheet. Colorado State University Cooperative Extension, Natural Resources. Online resource. <http://www.ext.colostate.edu/PUBS/NATRES/031111.html>
- Beier, P. 1989. Use of habitat by mountain beaver in the Sierra Nevada, California. *Journal of Wildlife Management*. 53: 649-654.
- Belanger, L., and J. Bedard. 1990. Energetic cost of man-induced disturbance to staging snow geese. *J. Wildl. Manage.* 54:36-41.
- Bell, B.D., S. Carver, N.J. Mitchell, and S. Pledger. 2004. The recent decline in a New Zealand endemic: How and why did populations of Archey's frog crash over 1996-2001? *Biological Conservation*, 120:189-199.
- Belnap, J. and S.L. Philips. 2001. Soil biota in an ungrazed grassland: response to annual grass (*Bromus tectorum*) invasion. *Ecological Applications* 11 (5): 1261-1275.
- Benavides-Solorio J, MacDonald LH (2005) Measurement and prediction of post-fire erosion at the hillslope scale, Colorado Front Range. *International Journal of Wildland Fire* 14, 457–474. doi:10.1071/WF05042.
- Benson, N.C., and L.L. Kurth. 1995. Vegetation establishment on rehabilitated bulldozer lines after the 1988 Red Bench Fire in Glacier National Park. Pages 164-167 in Symposium on fire in wilderness and park management, 1993 March 30-April 1. USDA Forest Service, Intermountain Research Station, Missoula, MT.
- Bent, A.C. 1961. Life histories of North American birds of prey, part 1. Dover Publications, Inc. New York, New York. Pp. 321-349.
- Berg, N.H. and D. L. Azuma. 2010. Bare soil and rill formation following wildfires, fuel reduction treatments, and pine plantations in the southern Sierra Nevada, California, USA. *Int. J. Wildland Fire* 19:478-489.
- Berger L., A.D. Hyatt, R. Speare, J.E. Longcore. 2005. Life cycle stages of the amphibian chytrid *Batrachochytrium dendrobatidis*. *Dis Aquat Org* 68: 51–63.
- Berger, L., Speare, R., Daszak, P., Green, D.E., Cunningham, A.A., Goggin, C.L., Slocombe, R., Ragan, M.A., Hyatt, A.D. McDonald, K.R., Hines H.B., Lips, K.R., Marantelli, G., and Parkes, H. 1998. Chytridiomycosis causes amphibian mortality associated with population declines in the rain forest of Australia and Central America. *Proceedings of the National Academy of Sciences*, 95:9031-9036.
- Beschta, R.L., C.A. Frissell, R. Gresswell, R. Hauer, et al. 1995. Wildfire and salvage logging: Recommendations for ecologically sound post-fire salvage logging and other post-fire treatments on Federal lands in the West. Rep. to Pacific Rivers Council, Eugene, OR. 14 p. <http://pacificrivers.org/science-research/resources-publications/wildfire-and-salvage-logging-the-beschta-report>.
- Beyer, C. 2010. Terrestrial Invasive Plant Species Treatment Project Environmental Assessment. South Lake Tahoe, CA: Lake Tahoe Basin Management Unit. Pgs 188.
- Bias, M.E. and R.J. Gutiérrez. 1992. Habitat associations of California spotted owls in the central Sierra Nevada. *J. Wildl. Manage.* 56:584-595.

- Bibbo, M. 2010. Results of cheatgrass (*Bromus tectorum*) inventory for Rabe Meadow. (Unpub). On file at: LTBMU Supervisor's Office.
- Blakesley, J.A. Noon, B.R. and D.R. Anderson. 2005. Site occupancy, apparent survival, and reproduction of California spotted owls in relation to forest stand characteristics. *J. Wildl. Manage.* 69(4):1554-1564.
- Blakesley, J. A., M. E. Seamans, M. M. Conner, A. B. Franklin, G. C. White, R. J. Gutiérrez, J. E. Hines, J. D. Nichols, T. E. Munton, D. W. H. Shaw, J. J. Keane, G. N. Steger, T. L. McDonald. 2010. Population dynamics of spotted owls in the Sierra Nevada, California, *Wildlife Monographs*, 174:1-36.
- Bland, J.D. 1993. Forest grouse and mountain quail investigations: A final report for work completed during the summer of 1992. Unpubl. report, Wildl. Mgmt. Div., Calif. Dept. Fish & Game, 1416 Ninth St., Sacramento, CA.
- Bland, J.D. 1997. Biogeography and conservation of blue grouse *Dendragapus obscurus* in California. *Wildlife Biology* 3(3/4):270.
- Bland, J. D. 2002. Surveys of Mount Pinos Blue Grouse in Kern County, California, Spring 2002. Unpubl. report, Wildl. Mgmt. Div., Calif. Dept. Fish & Game, 1416 Ninth St., Sacramento, CA 95814.
- Bland, J.D. 2006. Features of the Forest Canopy at Sierra Sooty Grouse Courtship Sites, Summer 2006. CDFG Contract No. S0680003.
- Blumenthal, D., and N. Jordan. 2001. Weeds in Field Margins: A Spatially Explicit Simulation Analysis of Canada Thistle Population Dynamics." *Weed Science* 49, no. 4: 509-19.
- Bombay, H. L., M. L. Morrison, and L. S. Hall. 2003. Scale perspectives in habitat selection and animal performance for willow flycatchers (*Empidonax traillii*) in the central Sierra Nevada, California. *Studies in Avian Biology* 26: 60-72.
- Bond, M. L., R. B. Siegel, and D. Craig, editors. 2012. A conservation strategy for Black-backed Woodpecker (*Picoides arcticus*) in California. Version 1.0. The Institute for Bird Populations and California Partners in Flight. Point Reyes Station, California.
- Bond, M. L., D. E. Lee, R. B. Siegel, J. P. Ward Jr. 2009. Habitat use and selection by California spotted owls in a postfire landscape. *Journal of Wildlife Management* 73(7): 1116-1124.
- Bond, M. L., R. J. Gutiérrez, A. B. Franklin, W. S. LaHaye, C. A. May, M. E. Seamans. 2002. Shorter-term effects of wildfires on spotted owl survival, site fidelity, mate fidelity, and reproductive success. *Wildlife Society Bulletin*, 30(4): 1022-1028.
- Bond, M.L. Seamans, M.E. and R.J. Gutiérrez. 2004. Modeling nesting habitat selection of California spotted owls (*Strix occidentalis occidentalis*) in the central Sierra Nevada using standard forest inventory metrics. *Forest Science* 50: pp.773-780.
- Bond, T.C., D.G. Streets, K.F. Yarber, S.M. Nelson, J.H. Woo, and Z. Klimont. 2004. A technology based global inventory of black and organic carbon emissions from combustion. *Journal of Geophysical Research*, 109, D14203, doi:10.1029/2003JD003697
- Borgmann, K. L. and M. L. Morrison. 2008. Chapter I – Cookhouse Meadow Restoration Project. Annual Report for the USDA Forest Service Lake Tahoe Basin Management Unit. 69pp

- Borgmann, K. L., J. Groce and M.L. Morrison. 2006. Restoration and wildlife inventory and monitoring at Meeks creek, Blackwood creek and Ward creek and inventory and monitoring at control sites: Burton creek, McKinney creek and General creek in the Lake Tahoe basin, California. USDA Forest Service unpublished report, Lake Tahoe Basin Management Unit, South Lake Tahoe, CA.
- Borman, M.M., D.E. Johnson, G.L. Kiemec, et al. 1992. Ecology and Management of Rangeland Weeds. Agricultural Experiment Station and Oregon State University.
- Bossard, C.C., J.M. Randall, and M.C. Hoshovsky, eds. 2000. Invasive Plants of California's Wildlands. University of California Press, Berkeley and Los Angeles, CA. University of California Press, Ltd., London, England. 360 pp.
- Bosworth, D. 2003. Invasive Species. Letter to all employees; July 16, 2003, USDA Forest Service.
- Bozek, M. A., and F. J. Rahel. 1991. Assessing habitat requirements of young Colorado River cutthroat trout by use of macrohabitat and microhabitat analyses. Transactions of the American Fisheries Society 120:571-581.
- Bradley, G.A., P.C. Rosen, M.J. Sredl, T.R. Jones, and J.E. Longcore. 2002. Chytridiomycosis in native Arizona frogs. Journal of Wildlife Diseases 88:206-212.
- Brooks, M. 2007. Effects of Land Management Practices on Plant Invasions in Wildland Areas. Pages 147-162 in W. Nentwig, editor. Biological Invasions.
- Brooks, M.L. 2003. Effects of increased soil nitrogen on the dominance of alien annual plants in the Mojave Desert. Journal of Applied Ecology 40:344-353.
- Brooks, M.L., C.M. D'Antonio, D.M. Richardson, J.B. Grace, J.E. Keeley, J.M. DiTomaso, R.J. Hobbs, M. Pellant, and D. Pyke. 2004. Effects of invasive alien plants on fire regimes. Bioscience 54:677-688.
- Brookshire, E. N.J., J. B. Kauffman, D. Lyten, and N. Otting. 2002. Cumulative effects of wild ungulate and livestock herbivory on riparian willows, Oecologia, 132: 559-566.
- Brown, B.J., R.J. Mitchell, and S.A. Graham. 2002. Competition for Pollination between an Invasive Species (Purple Loosestrife) and a Native Congener. Ecology 83, no. 8: 2328-36.
- Bruns, V.F., and L.W. Rasmussen. 1953. The Effects of Fresh Water Storage on the Germination of Certain Weed Seeds: I. White Top, Russian Knapweed, Canada Thistle, Morning Glory, and Poverty Weed. Weeds 2, no. 2: 138-47.
- Bruns, V.F., L.W. Rasmussen. 1957. The Effects of Fresh Water Storage on the Germination of Certain Weed Seeds. II. White Top, Russian Knapweed, Canada Thistle, Morning Glory, and Poverty Weed." Weeds 5, no. 1: 20-24
- Budy, P., G. P. Thiede, and P. McHugh. 2007. Quantification of the vital rates, abundance, and status of a critical, endemic population of Bonneville cutthroat trout. North American Journal of Fisheries Management 27:593-604.
- Bradford, D.F. 1989. Allotopic distribution of native frogs and introduced fishes in the high Sierra Nevada lakes of California: Implication of the negative effects of fish introductions. Copeia, 1989:775-778.
- Bradley, N. L., A. C. Leopold, J. Ross and W. Huffaker. 1999. Pheological changes reflect claimte change in Wisconsin. Proceedings of the national Academy of Sciences 96(17): 9701-9704.

- Brown, C. 2008. Summary of Pacific Treefrog (*Pseudacris regilla*) Occupancy in the Sierra Nevada within the range of the Mountain Yellow-legged Frog (*Rana muscosa*). Sierra Nevada Amphibian Monitoring Program draft assessment, January 18, 2008.
- Bull, E. L. and T. W. Heater. 2000. Resting and denning sites of American martens in northeastern Oregon. *Northwest Science* 74(3): 179-185.
- Buskirk, S.W. and R.A. Powell. 1994. Habitat ecology of fishers and American martens. Pages 283–296 In: Buskirk, S.W., A.S. Harestad, M.G. Raphael, et al (eds). *Martens, sables and fishers: biology and conservation*. Cornell University Press, Ithaca, New York, USA.
- Buskirk, S.W. and L.F. Ruggiero. 1994. American Marten. In: Ruggiero, L.F., K.B. Aubry, S.W. Buskirk, et al (eds). *The scientific basis for conserving forest carnivores: American marten, fisher, lynx, and wolverine in the western United States*. General Technical Report RM-254. U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado.
- Busse, M.D., Shestak, C.J., and K. R. Hubbert. 2013. Soil heating during burning of forest slash piles and wood piles. *International Journal of Wildland Fire* Vol. 22-6, pp. 786-796.
- Busse, M.D., Shestak, C.J., Hubbert, K.R. and E.E. Knapp. 2010. Soil physical properties regulate lethal heating during burning of woody residues. *Soil Sci. Soc. Am. J.* 74:947–955 (2010).
- Byer, P.H., and J.S. Yeomans. 2007. Methods for Addressing Climate Change Uncertainties in Project Environmental Impact Assessments. *Impact assessment and project appraisal*. Vol. 25, no. 2 (June 2007): p. 85-99.
- Bytnerowicz, A. 2011. Distribution of ozone, ozone precursors and gaseous components of atmospheric nitrogen deposition in the Lake Tahoe Basin. Annual Progress report for FY 2011.
- Bytnerowicz, A. 2012. Personal communication: Air Quality resource discussion.
- Bytnerowicz, A., M. Arbaugh and P. Padgett. 2004. Evaluation of Ozone and HNO₃ Vapor Distribution and Ozone Effects on Conifer Forests in the Lake Tahoe Basin and Eastern Sierra Nevada. Final Report to CARB, Contract No. 01:334.
- Bytnerowicz, A., M. Fenn, A. Gertler, H. Preisler and B. Zielinska. 2013. Distribution of ozone, ozone precursors and gaseous components of atmospheric nitrogen deposition in the Lake Tahoe Basin. Draft Final Report to SNPLMA, Contract No P063
- Finkral, A.J. and Evans, A.M. 2008. The effects of a thinning treatment on carbon stocks in a northern Arizona ponderosa pine forest. *Forest Ecology and Management* 255 (2008) 2743-2750, doi: 10.1016/j.foreco.2008.01.041.
- CNDDDB. California Department of Fish and Game, Biogeographic Data Branch. 2011. California Natural Diversity Database. Sacramento, CA. Data downloaded November 2011.
- CWHR. California Department of Fish and Game, California Interagency Wildlife Task Group. 2008. CWHR version 8.2 personal computer program. Sacramento, CA.
- Caduto. M. J. 1990. *Pond and brook: a guide to nature in freshwater environments*. University Press of New England, Hanover.

- Cain, J. W., K. S. Smallwood, M. L. Morrison, H. L. Loffland. 2006. Influence of mammal activity on nesting success of passerines. *Journal of Wildlife Management* 70(2):522-531.
- Caires, A.M., S. Chandra, B.L. Hayford, M. E. Whittmann. 2013. Four decades of change: dramatic loss of zoobenthos in an oligotrophic lake exhibiting gradual eutrophication. *Freshwater Science*, 32(3): 692-705.
- Cairns, J., Jr. and J. R. Pratt. 1993. A history of biological monitoring using benthic macroinvertebrates. Pages 10-27 in D. M. Rosenberg and V. H. Resh, ed. *Freshwater Biomonitoring and Benthic Macroinvertebrates*. Chapman and Hall, New York.
- Caldwell, B. A. 2006. Effects of Invasive Scotch Broom on Soil Properties in a Pacific Coastal Prairie Soil." *Applied Soil Ecology* 32, no. 1: 149-52.
- Calflora. 2000. Information on Wild California Plants for Conservation, Education, and Appreciation. [Online]. Digital Library Project, UC Berkeley. Available: <http://www.calflora.org/>. [2011, December 19].
- California Department of Fish and Game (CDFG). 2004a. Resident Game Bird Hunting Final Environmental Document. August 5, 2004. State of California, The Resources Agency, Department of Fish and Game. 182 pp + appendices.
- California Department of Fish and Game (CDFG). 2004b. Report of the 2004 Game Take Hunter Survey. State of California, The Resources Agency, Department of Fish and Game. 20pp.
- California Department of Fish and Game (CDFG). 2005. California Department of Fish and Game and California Interagency Wildlife Task Group. California Wildlife Habitat Relationships (CWHR) version 8.1. personal computer program. Sacramento, California. On-Line version. <http://www.dfg.ca.gov/biogeodata/cwhr/cawildlife.asp>. (Accessed: January 3, 2008).
- California Department of Fish and Game (CDFG) Natural Diversity Data Base. California Department of Fish and Game. http://www.dfg.ca.gov/biogeodata/cnddb/plants_and_animals.asp.
- California Department of Fish and Game (CDFG) Natural Diversity Data Base. Available at: http://www.dfg.ca.gov/biogeodata/cnddb/plants_and_animals.asp (Accessed 12/9/2011)
- California Department of Fish and Game (CDFG). Available at: http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/Protocols_for_Surveying_and_Evaluating_Impacts.pdf (Accessed 12/9/2011)
- California Department of Fish and Game (CDFG). Rarefind 4. Available at: <http://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp> (Accessed 12/9/2011).
- California Department of Fish and Game (CDFG). Natural Diversity Data Base. http://www.dfg.ca.gov/biogeodata/cnddb/plants_and_animals.asp
- California Department of Fish and Game Natural Diversity Data Base. California Department of Fish and Game. http://www.dfg.ca.gov/biogeodata/cnddb/plants_and_animals.asp
- California Department of Fish and Game, Biogeographic Data Branch. 2011. (CNDDDB) California Natural Diversity Database. Sacramento, CA. Data downloaded November 2011.
- California Department of Fish and Game, California Interagency Wildlife Task Group. 2008. CWHR version 8.2 personal computer program. Sacramento, CA.

- California Department of Fish and Game (CDFG), California Interagency Task Group. 2005. California Wildlife Habitat Relationships (CWHR) version 8.1 personal computer program. Sacramento, CA.
- California Department of Fish and Game (CDFG). 2008. California Natural Diversity Database (CNDDDB) personal computer program updated April 1, 2008. Sacramento, CA. From web at http://www.dfg.ca.gov/biogeodata/cnddb/rf_ftpinfo.asp
- California Department of Fish and Game (CDFG). 2009. RAREFIND database. Available at: <http://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp>.
- California Department of Food and Agriculture (CDFA). "Common St. Johnswort." [Online] Available at: <http://www.cdfa.ca.gov/phpps/ipc/weedinfo>.
- California Department of Food and Agriculture (CDFA). "Russian knapweed." [Online] Available at: <http://www.cdfa.ca.gov/phpps/ipc/weedinfo>.
- California Environmental Protection Agency Air Resources Board (CARB). 2009a. California regional Haze Plan. Final Adoption Jan. 22, 2009 and Approved by the EPA Jun 14, 2011.
- California Environmental Protection Agency Air Resources Board (CARB). 2009b. 2008 Estimated Annual Average Emissions. Lake Tahoe Air Basin. Almanac Emission Projection Data (published in 2009).
- California Environmental Protection Agency Air Resources Board (CARB). 2010. Proposed Regulation to Implement the California Cap-and-Trade Program Part V Staff Report and Compliance Offset Protocol U.S. Forest Projects, October 28, 2010, California Air Resources Board, Sacramento, CA (www.arb.ca.gov/regact/2010/capandtrade10/cappt5.pdf).
- California Environmental Protection Agency Air Resources Board (CARB). 2013a. California Environmental Protection Agency.- Emissions inventory for recreational vehicles. Power Point Presentaion. March 6, 2013 pp39
- California Environmental Protection Agency Air Resources Board (CARB). 2013b. Emissions Estimation Methodology for Off-Highway Recreational Vehicles. CA. Air Res. Board, Planning and Technical Support Division. 86p.
- California Invasive Plant Council (Cal-IPC). 2011. Prioritizing Regional Response to Invasive Plants in the Sierra Nevada Region. [Online:] Berkeley, CA: Cal-IPC. Available at: <http://www.cal-ipc.org/ip/mapping/sierra/pdf/SierraRecommendationsReportWeb.pdf>
- California Native Plant Society (CNPS). 2009. Inventory of Rare and Endangered Vascular Plants of California. <http://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp> CA: Sacramento.
- California Native Plant Society (CNPS). 2010. Inventory of Rare and Endangered Plants (online edition, v7-10c). California Native Plant Society. Sacramento, CA. Available at: <http://www.cnps.org/inventory> (Accessed 12/9/2011)
- California Native Plant Society (CNPS). 2010. Inventory of Rare and Endangered Plants (online edition, v7-10c). California Native Plant Society. Sacramento, CA. Accessed on Thu, Oct. 14, 2010 from <http://www.cnps.org/inventory>.
- California Native Plant Society (CNPS). 2011. Inventory of Rare and Endangered Plants (online edition, v7-10c). California Native Plant Society. Sacramento, CA. Available at: <http://www.cnps.org/inventory>. [2011, December 19].

- California Regional Water Quality Control Board. Lahontan Region (LWRQCB). 1995. Water Quality Control Plan for the Lahontan Region. State of California Regional Water Quality Control Board, Lahontan Region.
- California Regional Water Quality Control Board. Lahontan Region (LWRQCB). 2005. Water Quality Control Plan for the Lahontan Region. Lahontan Regional Water Quality Control Board.
- California State Water Resources Control Board (SWRCB). 2006. Water Quality Assessment of the Condition of California Coastal Waters and Wadeable Streams: Clean Water Act Section 305b Report 2006. Sacramento, CA: California Environmental Protection Agency (CalEPA) Surface Water Ambient Monitoring Program, State Water Resources Control Board.
http://www.swrcb.ca.gov/water_issues/programs/swamp/docs/factsheets/305breport2006.pdf
- Call, D.R. Gutiérrez, R.J. and J. Verner. 1992. Foraging habitat and home-range characteristics of California spotted owls in the Sierra Nevada. *Condor* Vol. 94:880-888.
- Cameron, S.A., J.D. Lozier, J.P. Strange, J.B. Koch, N. Cordes, L.F. Solter and T.L. Griswold. 2011. Patterns of widespread decline in North American bumble bees. *Proceedings of the National Academy of Sciences* 108:662-667. See <http://www.pnas.org/content/108/2/662.full.pdf+html>.
- Campbell, J.E., and D.J. Gibson. 2001. The effect of seeds of exotic species transported via horse dung on vegetation along trail corridors. *Plant Ecology* 157:23-35.
- Cardno ENTRIX 2011. Heavenly Mountain Resort Annual Report for the 2010 Water Year. Cardno ENTRIX, 1048 Ski Run Boulevard, South Lake Tahoe, CA 96150.
- Carlson, C. 2009. Angora Fire Vegetation Monitoring Annual Progress Report. On file at: LTBMU Supervisor's Office.
- Caro, T.M., and G.O'Doherty 1999. On the Use of Surrogate Species. *Conservation Biology* 13(4):805-814.
- Carpenter, A. and T. Murray. 1998. Element stewardship abstract for *Acroptilon repens* (L.) DeCandolle (*Centaurea repens* (L.)) Russian knapweed. <http://tncweeds.ucdavis.edu/esadocs/documents/acrorep.pdf>
- Carpenter, A.T., and T.A. Murray. 1999. Element Stewardship Abstract for *Bromus Tectorum* L. (*Anisantha Tectorum* (L.) Nevski). www.invasive.org/gist/esadocs/documnts/bromtec.pdf.
- Carpenter, Alan and Thomas Murray. 1998. Element stewardship abstract for *Linaria genistifolia* ((L.) P. Miller ssp. *dalmatica* (L.) Maire & Petitmengin and *Linaria vulgaris* P. Miller. Dalmatian toadflax, broad-leaved toadflax and yellow toadflax, butter and eggs, wild snapdragon, common toadflax.
<http://tncweeds.ucdavis.edu/esadocs/documents/linadal.pdf>.
- Carroll, C. 2010. Role of climatic niche models in focal-species-based conservation planning: Assessing potential effects of climate change on northern spotted owl in the Pacific Northwest, USA. *Biological Conservation* 143:1432-1437.
- Certini, G. 2005. Effects of fire on properties of forest soils: a review. *Oecologia* 143: 1–10.
- Chandra, S. 2013. Invasive Species: Understanding the Spread of Warm-Water Fishes in Lake Tahoe. http://www.ag.unr.edu/research/impact_details.aspx?ImpactID=76. University of Reno, NV. September 9, 2013.

- Chatfield, A.H. 2005. Habitat selection by a California spotted owl population: a landscape scale analysis using resource selection functions. Dept. Fisheries, Wildlife, and Conservation Biology, University of Minnesota, St. Paul, Minnesota. 59pp.
- Chen, H. J., R. G. Qualls, and G.C. Miller. 2002. Adaptive Responses of *Lepidium Latifolium* to Soil Flooding: Biomass Allocation, Adventitious Rooting, Aerenchyma Formation and Ethylene Production." *Environmental and Experimental Botany* 48, no. 2: 119-28.
- Choi, Y. D., V. M. Temperton, E. B. Allen, A. P. Grootjians, M. Halassy, et al. 2008. Ecological restoration for future sustainability in a changing environment. *Ecoscience* 15: 53-64.
- Choromanska, U. and T. H. DeLuca, 2001. Prescribed Fire Alters the Impact of Wildfire on Soil Biochemical Properties in a Ponderosa Pine Forest. *Soil Sci. Soc. Am. J.* 65:232-238 (2001).
- Christensen, G. A.; S.J. Campbell, J.S. Fried, tech. eds. 2008. California's forest resources, 2001–2005: five-year Forest Inventory and Analysis report. Gen. Tech. Rep. PNW-GTR-763. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 183 p.
- Clark, D. A. 2007. Demography and habitat selection of Northern Spotted Owls in post-fire landscapes of southwestern Oregon. M.S. Thesis, Oregon State University, Corvallis, OR, USA.
- Clark, D. A., R. G. Anthony, L. S. Andrews. 2011. Survival rates of northern spotted owls in post-fire landscapes of southwest Oregon. *Journal of Raptor Research*, 45 (1): 38-47.
- Clark, D. A., R. G. Anthony, L. S. Andrews. 2013. Relationship between wildfire, salvage logging, and occupancy of nesting territories by northern spotted owls. *Journal of Wildlife Management*, 77(4): 672-688.
- Clarkson, R.W., and J. R. Wilson. 1995. Trout biomass and stream habitat relationships in the White Mountains area, east-central Arizona. *Transactions of the American Fisheries Society* 124:599-612.
- Clary, W.P, E.D. McArthur, D. Bedunah, and C.L. Wambolt (compilers), Proceedings-Symposium on ecology and management of riparian shrub communities. USDA Forest Serv. Gen. Tech. Rep. INT-289.
- Coats, R. 2010. Climate change in the Tahoe basin: regional trends, impacts and drivers. *Climate Change*. 102: 435-466.
- Coburn, J. 2006. How riparian ecosystems are protected at Lake Tahoe. *Journal of the American Water Resources Association*. 42: 35-43.
- Coggins, S.T. and M. R. Conover. 2005. Effects of pocket gophers on aspen regeneration. *Journal of Wildlife Management*. 69: 752-759.
- Cole, D. N., E. S. Higgs, and P. S. White. 2010. Historical fidelity, maintaining legacy and connection to heritage. Pp. 125-141, in: D. N. Cole and L. Yung (eds). *Beyond naturalness: rethinking park and wilderness stewardship in an era of rapid change*. Island Press, Washington, DC.
- Cole, D. N., C. I. Millar, and N. L. Stephenson. 2010. Responding to climate change: a toolbox of management strategies. Pp. 179-198, in: D. N. Cole and L. Yung (eds). *Beyond naturalness: rethinking park and wilderness stewardship in an era of rapid change*. Island Press, Washington, DC.
- Cole, D. N. and L. Yung (eds). 2010. *Beyond naturalness: rethinking park and wilderness stewardship in an era of rapid change*. Island Press, Washington, DC.

- Collins, B.M., M. Kelly, J.W. van Wagtendonk, et al. 2007. Spatial patterns of large natural fires in Sierra Nevada wilderness areas; *Landscape Ecology*. 2007, 22, 545-557. DOI 10.1007/s10980-006-9047-5.
- Collins, B.M. , J.D. Miller, A.E.Thode, et al. 2008. Interactions Among Wildland Fires in a Long-Established Sierra Nevada Natural Fire Area. *Ecosystems*. Vol. 12 No. 1 ,pp. 114-128.
- Collins, B.M., J. D. Miller, A. E. Thode, M. Kelly, J. W. van Wagtendonk, S. L., Stephens. 2009. Interactions among wildland fires in a long-established Sierra Nevada natural fire area. *Ecosystems*. 12: 114-128.
- Collins, B.M. and S. Stephens. 2007. Managing natural wildfires in Sierra Nevada wilderness areas. *Frontiers in Ecology and the Environment* 2007; 5(10): 523–527.
- Collins, B.M., and S. L. Stephens. 2010. Stand-replacing patches within a ‘mixed severity’ fire regime: quantitative characterization using recent fires in a long-established natural fire area. *Landscape Ecology*: DOI 10.1007/s10980-010-9470-5.
- Conner, M. M., J. J. Keane, C. V. Gallagher, G. Jehle, T. E. Munton, P. A. Shaklee, R. A. Gerrard. 2013. Realized population change for long-term monitoring: California spotted owl case study. *Journal of Wildlife Management*. 77(7): 1449-1458
- Cope, Amy B. 1993a. *Abies magnifica*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: <http://www.fs.fed.us/database/feis/> [2011, September 7].
- Cope, Amy B. 1993b. *Pinus contorta* var. *murrayana*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: <http://www.fs.fed.us/database/feis/> [2011, September 7].
- Copeland, J. 1996. Biology of the wolverine in Central Idaho. M.S. Thesis: University of Idaho, Moscow. 138pp.
- Copeland, J. P., K. S. McKelvey, K. B. Aubry, A.Landa, J. Persson, R. M. Inman, J. Krebs, E. Lofroth, H. Golden, J.R. Squires, A. Magoun, M. K. Schwartz, J. Wilmot, C. L. Copeland, R. E. Yates, I. Kojola, and R. May. 2010. The bioclimatic envelope of the wolverine (*Gulo gulo*): do climatic constraints limit its geographic distribution?, *Canadian Journal of Zoology*, 88:233-246.
- Cordell, H.K., C.J. Betz, G. Green, and M. Owens. 2005. Off-highway Vehicle Recreation in the United States, Regions and States: A National Report from the National Survey on Recreation and the Environment (NSRE). USDA Forest Service Southern Research Station. GA: Athens.
- 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. Restoring ecosystem health in ponderosa pine forests of the southwest. *Journal of Forestry* 95:23-29.
- Crimmins, S. M., S. Z. Dobrowski, J. A. Greenberg, J. T. Abatzoglou, A. R. Mynsberge. 2011. Changes in Climatic Water Balance Drive Downhill Shifts in plant Species’ Optimum Elevations. *Science*. 331: 324-327.
- Cronquist, Arthur., Holmgren, Arthur H., Holmgren, Noel H., Reveal, James L., Holmgren, Patricia K.. 1989. Intermountain Flora, Vascular Plants of the Intermountain West, U.S.A. New York Botanical Garden, Bronx, New York.
- Crossman, N.D., B.A. Bryan, and D.A. Cooke. 2008. An Invasive Plant and climate Change Threat Index for Weed Risk Management: Integrating habitat Distribution Pattern and dispersal Process. *Ecol. Indicat.* (2008), doi: 10.1016/j.ecolind.2008.10.011.

- Curren and Kohler, 2008 Natural Hazard Study for the Lake Tahoe Basin Management Unit. Lake Tahoe Basin Management Unit. South Lake Tahoe, CA.
- D'Antonio, C. M., J. Levine, and M. Thomsen. 2001. Ecosystem resistance to invasion and the role of propagules supply: a California perspective. *Journal of Mediterranean Ecology* 2:233-245.
- D'Antonio, C.M., and P.M. Vitousek. 1992. Biological Invasions By Exotic Grasses, The Grass Fire Cycle, And Global Change. *Annual Review of Ecology and Systematics* 23:63-87.
- Dallmann, P. R. 1998. *Plant Life in the World's Mediterranean Climates*. University of California Press, Berkeley, CA.
- Dark, S.J. 2004. The biogeography of invasive alien plants in California: an application of GIS and spatial regression analysis. *Diversity and Distributions* 10:1-9.
- Daszak, P., L. Berger, A.A. Cunningham, A.D. Hyatt, D.E. Green, and R. Speare. 1999. Emerging Infectious Diseases and Amphibian Declines. *Emerging Infectious Diseases*, 5:735-748.
- Davidson, CC., H.B. Shaffer and M.R. Jennings. 2002. Spatial tests of the pesticide drift, habitat destruction, UV-B, and climates-change hypotheses for California amphibian declines. *Conservation Biology* 16:1588-1601.
- Dawson, N. G. and J. A. Cook. 2012. Behind the genes: Diversification of North American Martens (*Martes americana* and *M. cuarina*) pp 23-38 in *Biology and Conservation of Martens, Sables, and Fishers: A New Synthesis* (Ed. Aubry, K. B., Zielinski, W. J., Raphael, M. G., Proulx, G., Buskirk, S. W.), Comstock Publishing Associates, Cornell University Press, Ithaca, NY.
- DeBano, L.F., D.G. Neary, and P.F. Ffolliott, 1998. *Fire's Effects on Ecosystems*. John Wiley and Sons, Inc. New York, NY.
- Delaney, D. K., T. G. Grubb, P. Beier, L. L. Pater, and M. H. Reiser. 1999. Effects of helicopter noise on Mexican Spotted Owls. *Journal of Wildlife Management* 63:60-76.
- Department of the Interior. US Fish and Wildlife Service. 50 CFR Part 17. Endangered and Threatened Wildlife and Plants; 12-month finding for a petition to list the California spotted owl (*Strix occidentalis occidentalis*) as threatened or endangered. *Federal Register*. Vol 71, No 100, May 24, 2006.
- Department of the Interior. US Fish and Wildlife Service. 50 CFR Part 17. Endangered and Threatened Wildlife and Plants; Threatened Status for the Distinct Population Segment of the North American Wolverine Occurring in the Contiguous United States, *Federal Register*. Vol. 78, No. 23, Monday, February 4, 2013.
- Dickens, S.J. M., F. Gerhardt, and S.K. Collinge. 2005. Recreational portage trails as corridors facilitating non-native plant invasions of the Boundary Waters Canoe Area Wilderness (USA). *Conservation Biology* 19:1653-1657.
- Dillon, G.K., Holden, Z.A., Morgan, P., Crimmins, M.A., Heyerdahl, E.K., and C. H. Luce. 2011. Both topography and climate affected forest and woodland burn severity in two regions of the western US, 1984-2006. *Ecosphere* 2(12), doi: 10.1890/ES11-00271.1.
- DiTomaso, J.M. 2000. Invasive weeds in rangelands: Species, impacts, and management. *Weed Science* 48:255-265.
- DiTomaso, J.M., and E.A. Healy. 2007. *Weeds of California and Other Western States*. 2 vols. Vol. 1 & 2. Berkeley, CA: University of California.

- DiTomaso, J.M. and D.W. Johnson. 2006. The Use of Fire as a Tool for Controlling Invasive Plants.
- Dixit S.S., A.S. Dixit, and J.P. Smol, 2002. Diatom and chrysophyte function and inferences of post-industrial acidification and recent recovery trends in Killarney lakes. Ontario, Canada: *Journal of Paleolimnology* 27: 79-96.
- Downie, D.2013. Snow Mobile Types and use data for two LTB sites. Personal Communication. Air Quality resource discussion. April 8, 2013.
- Downie, D.2013. Personal Communication. Air Quality resource discussion. June 5, 2013.
- Dull, R. A. 1999. Palynological evidence for 19th century grazing-induced vegetation change in the southern Sierra Nevada, California, USA. *Journal of Biogeography*. 26(4): 899-912.
- Dutson, V.J., 1974. The Association of the Roof Rat (*Rattus Rattus*) with the Himalayan Blackberry (*Rubus Discolor*) and Algerian Ivy (*Hadera Canariensis*) in California." In *Vertebrate Pest Conference: University of Nebraska –Lincoln*.
- EDAW et al., 2005. Taylor, Tallac, and Spring Creek Watershed Ecosystem Assessment Report. Prepared for the U.S. Forest Service - Lake Tahoe Basin Management Unit
- Eagleston and Rubin. 2013. Non-motorized winter recreation impacts to snowmelt erosion, Tronsen Basin, Eastern Cascades, Washington. *Environmental Management* (2013) 51:167-181.
- Easterling, D.R., G.A. Meehl, C. Parmesan, S.A. Changon, T.R. Karl, and L.O. Mearns. 2000. Climate Extremes: Observations, Modeling, and Impacts. *Science* 289: 2068-2074.
- Egan, J. M., D.P. Fournier, H.D. Safford, J. McLean Slaughter, T. Cardoso, P. Trainor, and J. Wenz. 2012. Assessment of a Jeffrey Pine Beetle Outbreak from 1991-1996 near Spooner Junction, Lake Tahoe Basin. USFS, State & Private Forestry, Forest Health Protection, Report: SS11-09.
- Egan, D., and E.A. Howell (eds). 2001. *The historical ecology handbook. A restorationist's guide to reference ecosystems*. Island Press, Washington, DC. 457 pp.
- El Dorado County Noxious Weed Projects. 2008. [On-line] Available at: http://www.cdfa.ca.gov/phpps/IPC/weedmgareas/pdf/08/wma08_supplemental_eldorado.pdf (Accessed 12/5/2009).
- Elliot-Fisk, D. L., T. C. Cahill, O. K. Davis, L. Duan, C. R. Goldman, G. E. Gruett, R. Harris, R. cattleman, R. Lacey, D. Leisz, S. Lindstrom, D. Machida, R. A. Rowntree, P. Rucks, D. A. Sharkey, S. L. Stephens, D. S. Ziegler. 1997. Lake Tahoe case study in Erman, D. C., ed. *Sierra Nevada Ecosystem Project; final report to Congress. Addendum. Wildland Resources Center Report No. 40*, Davis, CA: University of California: 217-276. Vol. 13.
- Endress, B.A., and C.G. Parks. 2004. Element Stewardship Abstract for Sulfur Cinquefoil, www.imapinvasives.org/GIST/ESA/esapages/documnts/poterec.pdf.
- Engelhardt, B., and S. Gross. 2011. LTBMU Sensitive Plant Species and Habitat – 2010 Monitoring Report (Unpub). On file at: LTBMU Supervisor's Office. 24 pp.
- Engelhardt, B.M. and Gross, S.E. 2011a. Long-term monitoring plan: *Draba asterophora* var. *asterophora* & *Draba asterophora* var. *macrocarpa*. Lake Tahoe Basin Management Unit, USDA Forest Service, South Lake Tahoe, CA.

- Engelhardt, B.M. and Gross, S.E. 2011b. Long-term monitoring plan: *Lewisia longipetala*. Lake Tahoe Basin Management Unit, USDA Forest Service, South Lake Tahoe, CA.
- Ensign, W. E., R. J. Strange, and S. E. Moore. 1990. Summer food limitation reduces brook and rainbow trout biomass in a southern Appalachian stream. *Transactions of the American Fisheries Society* 119:894-901.
- Entrix, Inc. 2009. Noxious Weed Risk Assessment for the Upper Truckee River Sunset Stables Restoration Project on the Lake Tahoe Basin Management Unit. USFS internal document. 21 pp.
- Environmental Protection Agency (EPA). 2000. Subalpine Marsh Plant Communities as Early Indicators of Ecosystem Stress. Available at: http://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/display.abstractDetail/abstract/5993/report/F
- Environmental Protection Agency (EPA). 2006. Wadeable Streams Assessment: A Collaborative Survey of the Nation's Streams, Office of Research and Development, Office of Water Washington, DC 20460; EPA 841-B-06-002. Available at <http://www.epa.gov/owow/streamsurvey/>
- Evans, R.D., R. Rimer, L. Sperry, and J. Belnap. 2001. Exotic plant invasion alters nitrogen dynamics in an arid grassland. *Ecological Applications* 11:1301-1310.
- Executive Order 12898 - Federal Actions To Address Environmental Justice in Minority Populations and Low-Income Populations. February 11, 1994. FR 7629: Vol. 59, No. 32, February 16, 1994. Amends: EO 12250, November 2, 1980. Amended by: EO 12948, January 30, 1995.
- Executive Order 13057 - Federal Actions in The Lake Tahoe Region. July 26, 1997. FR 7629: Vol. 73, No. 186, February 16, 1994.
- Executive Order 13112 – Invasive Species. February 3, 1999. FR 6183: Vol. 64, No. 25, February 8, 1999; Amended by: EO 13286.
- Fairfull, S. and Witheridge, G. 2003. Why do fish need to cross the road? Fish passage requirements for waterway crossings. NSW Fisheries, Cronulla, 16pp.
- Field, C.B., G.C. Daily, F.W. Davis, et al. 1999. Confronting climate change in California. Ecological impacts on the Golden State. Union of Concerned Scientists and Ecological Society of America, Cambridge, MA. Online at: www.ucsusa.org
- Feller, G.M. and C.A. Drost. 1993. Disappearance of cascade frogs (*Rana cascadae*) at the southern end of its range, California. *Biological Conservation*, 65:177-181.
- Fellers., G.M., D.E. Green, and J.E. Longcore. 2001. Oral Chytridiomycosis in mountain yellow-legged frogs (*Rana muscosa*). *Copeia*, 2001:945-953.
- Fellows, A.W., and M.L. Goulden. 2008. Has fire suppression increased the amount of carbon stored in western U.S. forests? *Geophysical Research Letters*, Vol.35, L12404. DOI: 10.1029/2008GL033965.
- Fenn, M.E., S. Jovan, F. Yuan, et al. 2008. Empirical and simulated critical loads for nitrogen deposition in California mixed conifers. *Environmental Pollution* 155 (2008) 492-511, DOI: 10.1016/j.envpol.2008.03.019.
- Fenn, M.E., K.F. Lambert, T.F. Blett, et al. 2011. Setting Limits: Using Air Pollution Thresholds to Protect and Restore U.S. Ecosystems, Report Number 14, Fall 2011. *Issues in Ecology*, Ecological Society of America, Washington, DC (esa.org/science_resources/issues/FileEnglish/issuesinecology14.pdf).

- Ferguson, H., and J. Azerrad. 2004. Pallid bat *In* Management Recommendations for Washington's Priority Species – Volume V: Mammals. Washington Department of Fish and Wildlife. Olympia, WA.
- Field, C.B., G.C. Daily, F.W. Davis, et al. 1999. Confronting climate change in California. Ecological impacts on the Golden State. Union of Concerned Scientists and Ecological Society of America, Cambridge, MA. Online at: www.ucsusa.org
- Finkral, A.J. and A.M. Evans. 2008. The effects of a thinning treatment on carbon stocks in a northern Arizona ponderosa pine forest. *Forest Ecology and Management* 255 (2008) 2743-2750, DOI: 10.1016/j.foreco.2008.01.041.
- Finlay, J. C., and V. T. Vredenburg. 2007. Introduced trout sever trophic connections in watersheds: consequences for a declining amphibian. *Ecology* 88:2187-2198.
- Fites, J. 1993. Ecological guide to mixed conifer plant associations. Northern Sierra Nevada and Southern Cascades. Publication R5-ECOL-TP-001. USDA Forest Service, Pacific Southwest Region, San Francisco, CA.
- Fites-Kaufman, J., P. Rundel, N. Stephenson, et al. 2007. >>>>> Pp. - , in: M.G. Barbour et al. (eds). *Terrestrial vegetation of California*. University of California Press, Berkeley, CA.
- Flannigan, M.D., B.J. Stocks, and B.M. Wotton. 2000. Climate change and forest fires. *The Science of the Total Environment* Vol. 262: 221-229.
- Flora of North America. 2011. . [Online]. Flora of North America Association. Available: <http://www.efloras.org/>. [2011, December 19].
- Fogg, A., R.D. Burnett, and L.J. Roberts. 2012. Occurrence patterns of Black-backed Woodpecker in unburned National Forest land in the Sierra Nevada. PRBO Conservation Science Contribution Number 1872.
- Fore, L. 2007. Development and testing of biomonitoring tools for stream macroinvertebrates in the Lake Tahoe Basin. Final Report submitted to the U.S. Forest Service, Lake Tahoe Basin Management Unit, South Lake Tahoe.
- Forister, M. L., A. C. McCall, N. J. Sanders, et al. 2010. Compounded effects of climate change and habitat alteration shift patterns of butterfly biodiversity. *Proceedings of the National Academy of Sciences* 107: 2088-2092.
- Forsman, E.D. E.C. Meslow, and H.M. Wight. 1984. Distribution and biology of the spotted owl in Oregon. *Wildlife Monographs* No. 87;1-64.
- Fowler, C.S., and J.E. Bath. 1981. Pyramid Lake Northern Paiute Fishing: The Ethnographic Record. *Journal of California and Great Basin Anthropology* 3:176-186.
- Frazier J.W., K.B. Roby, J.A. Boberg, et al. 2005. Stream Condition Inventory Technical Guide. USDA Forest Service, Pacific Southwest Region - Ecosystem Conservation Staff. Vallejo, CA. 111 pp.
- Froehlich, H.A., Miles, D.W.R., and Robbins, R.W. 1985. Soil bulk density recovery on compacted skid trails in central Idaho. *Soil Sci. Soc. Am. J.* 49: 1015–1017.
- Fryer, Janet L. 2011. *Quercus wislizeni*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: <http://www.fs.fed.us/database/feis> [2011, December 19].

- Fulé, P.Z. 2008. Does It Make Sense to Restore Wildland Fire in Changing Climate? *Restoration Ecology* Vol. 16, No. 4, pp. 526-531. December 2008, DOI: 10.1111/j.1526-100X.2008.00489.x.
- Fulé, P. Z., W. W. Covington, and M. M. Moore. 1997. Determining reference conditions for ecosystem management of southwestern ponderosa pine forests. *Ecological Applications* 7:895-908.
- Furnish, J. 2010. Progress report on monitoring of aquatic management indicator species (MIS) in the Sierra Nevada Province: 2009-2010 Field Seasons. December 2010. 6pp.
- Gage, E., and D.J.Cooper, 2009. Winter recreation impacts to wetlands, a technical review. Submitted to Arapaho Roosevelt national Forests, White River National Forests, and Black Hills National Forest. Prepared for the USDA Forest Service, Rocky Mountain Region (Region 2). CO: Fort Collins.
- Gancz, A.Y., I. K. Barker, R. Lindsay, et al. 2004. West Nile virus outbreak in North American owls, Ontario. *Emerging Infectious Diseases*, 10(12): 2135-2142.
- Gaskin, J. F. 2006. Clonal Structure of Invasive Hoary Cress (*Lepidium Draba*) Infestations." *Weed Science* 54, no. 3: 428-34.
- Geiser, L.H., S. Jovan, D. A. Glavich, et al. 2010. Lichen-based critical loads for atmospheric nitrogen deposition in Western Oregon and Washington Forests, USA. *Environmental Pollution* 158 (2010) 2412-242 (doi: 10.1016/j.envpol.2010.04.001).
- Geiser, Linda. 2011. personal communication. Air Quality resource discussion.
- Gertler, A.W., A. Bytnerowicz, T.A. Cahill, M. Arbaugh, S. Cliff, J. Kahyaoglu-Koračin, L. Tarnay, R. Alonso, and W. Fraczek. 2006. Local air quality threatens Lake Tahoe's clarity. *Calif. Agric.*, 60, 53-58.
- Glenn, E. M., R. G. Anthony, and E. D. Forsman. 2010. Population trends in northern spotted owls: Associations with climate in the Pacific Northwest. *Biological Conservation* 143:2543-2552.
- Glenn, E. M., R. G. Anthony, E. D. Forsman, and G. S. Olson. 2011. Local weather, regional climate, and annual survival of the northern spotted owl. *The Condor* 113:159-176.
- Goeden, R.D., and D.W. Ricker. 1982. Poison Hemlock, *Conium-Maculatum*, in Southern-California -an Alien Weed Attacked by Few Insects." *Annals of the Entomological Society of America* 75, no. 2: 173-76.
- George, T. L., S. Zack. 2001. Spatial and temporal consideration in restoring habitat for wildlife. *Restoration Ecology* 9 (3): 272-279.
- Gerstung, E.R. 1988. Status, life history, and management of the Lahontan cutthroat trout, American Fisheries Society symposium 4:93-106.
- Gertler, A.T., A. Bytnerowicz, T.M. Cahill, et al. 2006. Local air quality threatens Lake Tahoe's clarity. *Calif. Agric.*, 60, 53-58.
- Gibilisco, C.J. 1994. Distributional dynamics of modern *Martes* in North America. Pages 59-71 In: Buskirk, S.W., A.S. Harestad, M.G. Raphael, et al (eds). *Martens, Sables, and Fishers: Biology and Conservation*. Cornell University Press, Ithaca, New York, USA.
- Gilbert, J. H., J. L. Wright, D. J. Lauten, et al. 1997. Den and rest-site characteristics of American marten and fisher in Northern Wisconsin. Pages 135-145 In: Proulx, G., H. N. Bryant, and P. M. Woodward (eds). *Marten:*

- taxonomy, ecology, techniques, and management. Provincial Museum of Alberta, Edmonton, Alberta, Canada.
- Gluesenkamp, D. 2009. A cost-effective approach to controlling invasive plants. *CNPS Bulletin* (39) 4: p.1.
- Goldman, C. R., and E. Byron. 1986. *Changing Water Quality at Lake Tahoe*. University of California Institute of Ecology, Tahoe Research Group. Davis.
- Gomez, A., Powers, R.F., Singer, M.J., et al. 2002. Soil compaction effects on growth of young ponderosa pine following litter removal in California's Sierra Nevada. *Soil Sci. Soc. Am. J.* 66: 1334–1343
- Goodwin, K. and R. Sheley. 2006. *Protecting Prioritized Rangelands from Invasive Weed Spread*. Montana State U.
- Goulson, D., G.C. Lye and B. Darvill. 2008. Decline and Conservation of Bumble Bees. *Annual Review of Entomology* 53:191–208
- Gower, S.T. 2008. Are horses responsible for introducing non-native plants along forest trails in the eastern United States? *Forest Ecology and Management* 256:997-1003.
- Graf, M. 1999. *Plants of the Tahoe Basin: Flowering Plants, Trees, and Ferns*. University of California Press, Berkeley, CA.
- Graya, A. N. and D. L. Azuma. 2005. Repeatability and implementation of a forest vegetation indicator. *Ecological Indicators* 5: 57–71.
- Green, D. M. and J.B. Kauffman. 1995. Succession and livestock grazing in a northeastern Oregon riparian ecosystem / Douglas M. Green and J. Boone Kauffman. *Journal of range management*. Vol. 48, no. 4 (July 1995). p. 307-313.
- Green, G.A. Bombay, H.L. and M.L. Morrison. 2003. Conservation assessment of the willow flycatcher in the Sierra Nevada. Foster Wheeler Environmental Corporation and the University of California. 67 pp.
- Greer, K. and B. Meneghin. *SPECTRUM: An analytical tool for building natural resource management models*.
- Grenfell Jr., W. E. 1988. *Montane Riparian*. California Wildlife Habitat Relationship. <http://www.dfg.ca.gov/biogeodata/cwhr/pdfs/MRI.pdf>
- Grinnell, J., J. S. Dixon, and J. M. Lindsdale. 1937. *Fur-bearing mammals of California: their natural history, systematic status, and relations to man*, Vols. I and II. University of California Press, Berkeley, California. 777 pp.
- Grinnell, J and T.I. Storer. 1924. *Animal Life in Yosemite: An Account of Mammals, Birds, Reptiles, and Amphibians in a Cross-section of the Sierra Nevada*. University of California Press, Berkeley, California.
- Gross, S., and E. Olin. 2011. *Development of a Management Ranking System for Terrestrial Noxious Weeds / Invasive Plant Species*. USDA Forest Service, Lake Tahoe Basin Management Unit, South Lake Tahoe, CA.
- Grubb, T.G., A.E. Gatto, L.L. Pater, D.K. Delaney. 2012 (May 8). *Response of nesting northern goshawks to logging truck noise, Kaibab National Forest, Arizona*. Final Report to Southwest Region 3 (USDA Forest Service)

- Grumbine, R. E. 1994. What is ecosystem management? *Conservation Biology* 8:27-38.
- Grumbine, R. E. 1997. Reflections on ecosystem management. *Conservation Biology* 11:41-47.
- Gucker, Corey L. 2007. *Pinus jeffreyi*. In: Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available: <http://www.fs.fed.us/database/feis/> [2011, September 7].
- Gundale, M.J., T.H. DeLuca, C.E. Fiedler, P.W. Ramsey, M.G. Harrington, and J.E. Gannon. 2005. Restoration treatments in a Montana ponderosa pine forest: Effects on soil physical, chemical and biological properties. *Forest Ecology and Management* 213:25-38.
- Gutiérrez, R. J., M.Z. Peery, D. J. Tempel, W.J. Berigan. 2012. Population Ecology of the California spotted owl in the central Sierra Nevada: Annual Results 2011. Annual Progress Report for US Department of Agriculture, Forest Service, Region 5. 39pp.
- Gutiérrez, R.J., D.J. Tempel, and W. Berigan. 2008. Population ecology of the California spotted owl in the Central Sierra Nevada: Annual Results 2007: Region 5, USDA Forest Service (CR Agreement: 06-CR-11052007-174). June, 2008. 29pp.
- Gutiérrez, R.J., D.J. Tempel, and W. Berigan. 2009. Population ecology of the California spotted owl in the Central Sierra Nevada: Annual Results 2008: Region 5, USDA Forest Service (CR Agreement: 06-CR-11052007-174). April 2000. 29pp.
- Gutiérrez, R.J., D.J. Tempel, and W. Berigan. 2010. Population ecology of the California spotted owl in the Central Sierra Nevada: Annual Results 2009: Region 5, USDA Forest Service (CR Agreement: 06-CR-11052007-174). March 2010. 29pp.
- Han, S.K., Han, H. S., Johnson, L. R. and D. S. Page-Dumroese. [Year Unk]. Unpublished. Impacts on soils from cut-to-length and whole tree harvesting.
- Hansen, J., S. Makiko, P. Kharecha, et al. 2008. Target Atmospheric CO₂: Where Should Humanity Aim? *The Open Atmospheric Science Journal* 1 (2008): 217-31.
- Harper, J.A. 1962. Daytime Feeding Habits of Roosevelt Elk on Boyes Prairie, California." *The Journal of Wildlife Management* 26, no. 1: 97-100.
- Harrod, R.J., and R.J. Taylor. 1995. Reproduction and Pollination Biology of *Centaurea* and *Acroptilon* Species, with Emphasis on *Centaurea-Diffusa*." *Northwest Science* 69, no. 2: 97-105.
- Hawkins, C.P., R.H. Norris, J.N. Hogue and J.W. Feminella. 2000. Development and evaluation of predictive models for measuring the biological integrity of streams. *Ecological Applications* 10:1456-1477.
- Heisey, R.M. 1990. Allelopathic and Herbicidal Effects of Extracts from Tree of Heaven (*Ailanthus-Altissima*). *American Journal of Botany* 77, no. 5: 662-70.
- Helms, J.A. (ed). 1998. *The Dictionary of Forestry*. Bethesda, MD: The Society of American Foresters.
- Harris, J. A., R. J. Hobbs, E. Higgs, and J. Aronson. 2006. Ecological restoration and global climate change. *Restoration Ecology* 14: 170-176.

- Harris, R.N., R. M. Brucker, J.B. Walke, M.H. Becker, C.R. Schwantes, D.C. Flaherty, B.A. Lam, D.C. Woodhams, C.J. Briggs, V.T. Vredenburg and K.P. Minbirole. 2009. The ISME Journal 3, 818–824; doi:10.1038/ismej.2009.27; published online 26 March 2009
- Harrod, R.J., W.L. Gaines, W.E. Hartl, et al. 1998. Estimating historical snag density in dry forests east of the Cascade Range. General Technical Report PNW-GTR-428. USDA Forest Service, Pacific Northwest Research Station, Portland, OR.
- Haugo, R. D. and C. B. Halpern. 2007. Vegetation responses to conifer encroachment in a western Cascade meadow: a chronosequence approach. Canadian Journal of Botany. 3: 285-298.
- Heibert, R.D. and J. Stubbendieck. 1993. Handbook for Ranking Exotic Plants for Management and Control. Online. National Park Service. Available at: http://especies-envahissantes-outremer.fr/pdf/methode_hierarchisation_hiebert.pdf
- Helms, John A (ed). 1998 The Dictionary of Forestry. Society of American Foresters, Bethesda, MD. 210 p.
- Henderson, E. B. 2008. Development of State and Transition Model Assumptions Used in National Forest Plan Revision. Eric B. Henderson In: Havis, Robert N.; Crookston, Nicholas L., comps. 2008. Third Forest Vegetation Simulator Conference; 2007 February 13–15; Fort Collins, CO. Proceedings RMRS-P-54. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.
- Herbst, D.B. 2005. Review of TRPA Stream Bioassessment Data Sets for Ward, Blackwood, Meeks and General Creek – Patterns of Invertebrate Communities Along Longitudinal Transects. Appendix G, pages 150-156 in Ward Creek Watershed Restoration Project: Technical Assessment. Prepared for the California Tahoe Conservancy by Hydro Science and River Run Consulting, Vacaville, CA. 216 pp.
- Herbst, D.B. 2009. Trout Creek Restoration Monitoring: Changing Benthic Invertebrate Indicators in a Reconstructed Channel. Sierra Nevada Aquatic Research Laboratory, Mammoth Lakes, CA.
- Herbst, D.B., E.L. Silldorff and L.W. Tamay. 2006. A meta-analysis of stream bioassessment data in the Lake Tahoe Basin: synthesis of aquatic invertebrate responses to local and watershed-scale stressor gradients and outline for a long-term monitoring program. Unpublished report prepared for the Tahoe Regional Planning Agency (TRPA), South Lake Tahoe, CA.
- Herbst, D.B. and E.L. Silldorff. 2009. Development of a benthic macroinvertebrate index for stream assessments in the eastern Sierra Nevada of California. Accessed at State Water Resources Control Board website: http://www.waterboards.ca.gov/laontan/water_issues/programs/swamp/docs/east_sierra_rpt.pdf
- Herbst, D.B. and S.D. Cooper. 2010. Before and after the deluge: rain-on-snow flooding effects on aquatic invertebrate communities of small streams in the Sierra Nevada, California. Journal of the North American Benthological Society 29:1354-1366.
- Herbst, D.B., M.T. Bogan, S.K. Roll et al. 2012. Effects of livestock exclusion on in-stream habitat and benthic invertebrate assemblages in montane streams. Freshwater Biology 57:204-217.
- Hermanson, J., and T. O’Shea. 1983. *Antrozous pallidus*. Mammalian Species. No. 213. Pages 1-8. Published by the American Society of Mammalogists.
- Hessburg, P.F., J. K. Agee, J. F. Franklin. 2005. Dry forests and wildland fires of the inland Northwest USA: Contrasting the landscape ecology of the pre-settlement and modern eras. Forest Ecology and Management 211: 117–139.

- Heyvaert, A. 1998. The Biogeochemistry and Paleolimnology of Sediments from Lake Tahoe, California-Nevada. PhD dissertation. University of California, Davis.
- Hickman, J.C. (ed). 1993. The Jepson Manual of Higher Plants of California. University of California Press. Berkeley and Los Angeles, CA.
- Hillman, J.M. 1997. Potentially Allelopathic Effects of Poison Hemlock (*Conium Maculatum*) on Native Plant Revegetation at Wilder Ranch State Park." Paper presented at the California Exotic Pest Plant Council Symposium,
- Hobbs, R.J., and L.F. Huenneke. 1992. Disturbance, diversity, and invasion: implications for conservation. *Conservation Biology* 6:324-337.
- Hodkinson, I. D. and J. K. Jackson. 2005. Terrestrial and aquatic invertebrates as bioindicators for environmental monitoring, with particular reference to mountain ecosystems. *Environmental Management* 35:649-666.
- Holling, C.S. 1973. Resilience and stability of ecosystems. *Ann. Rev. Ecol. Syst.* 4: 1-23.
- Hornocker, M.G. and H.S. Hash. 1981. Ecology of the wolverine in northwest Montana. *Canadian Journal of Zoology*. 59:1286-1301.
- Hoshovksy, M. (Unk Date). Element Stewardship Abstract for *Rubus Discolor* (*Rubus Procerus*).
- House, R. 1996. An evaluation of stream restoration structures in a coastal Oregon stream, 1981-1993. *North American Journal of Fisheries Management* 16 (2):272-281.
- Howard J.K. & K.M. Cuffe. 2003. Freshwater mussels in a California North Coast Range river: occurrence, distribution, and controls. *Journal of The North American Benthological Society*, 22, 63-77.
- Hubert, W.A., R.P. Lanka, T.A. Wesche, et al. 1985. Grazing management influences on two brook trout streams in Wyoming. p. 290-293. In: R.R. Johnson, C.D. Ziebell, D.R. Patton, and others (tech. coords.), *Riparian ecosystems and their management: reconciling conflicting uses*. USDA Forest Serv. Gen. Tech. Rep. RM-120.
- Huff, M.H., R.D. Ottmar, E. Alvarado, et al, 1995. Historical and current forest landscapes in eastern Oregon and Washington. Part II: Linking vegetation characteristics to potential fire behavior and related smoke production. Gen. Tech. Rep. PNW-GTR-355. Portland, OR: USDA Forest Service, Pacific Northwest Research Station <http://www.fs.fed.us/pnw/publications/gtrs.shtml>
- Hull, A.C., and J.O. Evans. 1973. Musk Thistle (*Carduus-Nutans*) -Undesirable Range Plant." *Journal of Range Management* 26, no. 5: 383-85.
- Hull, J. M., J. J. Keane, W. K. Savage, et al. 2010. Range-wide genetic differentiation among North American great gray owls (*Strix nebulosa*) reveals a distinct lineage restricted to the Sierra Nevada, California, *Molecular Phylogenetics and Evolution*, 56: 212-221.
- Hull, J. M., J. J. Keane, L. Tell, and H. B. Ernest. 2010. West Nile Virus antibody surveillance in three Sierra Nevada raptors of conservation concern. *The Condor* 112:168-172.
- Hunter, Malcolm L. 1990. *Wildlife, forests, and forestry*. Prentice-Hall PTR, Upper Saddle River, NJ. 370 p.
- Hurteau, M.D., G.W. Koch, and B.A. Hungate. 2008. Carbon Protection and Fire Risk Reduction: Toward a Full Accounting of Forest Carbon Offsets, *Front Ecol. Environ.* 2008, 6(9), 493-498, DOI:10.1890/070187.

- Hurteau, M., and M. North. 2009. Fuel treatments effects on tree-based forest carbon storage and emissions under modeled wildfire scenarios. *Front Ecol Environ* 2009; 7(8): 409-414, DOI:10.1890/080049.
- Hurteau, M.D and M.L. Brooks, 2011. Short and Long-term Effects of Fire on Carbon in US Dry Temperate Forest Systems. *BioScience* 61: 139-146.
- Hutto, R.L. 1995. Composition of bird communities following stand-replacement fires in Northern Rocky Mountain (U.S.A.) conifer forests. *Conservation Biology* 9(5):1041-1058.
- Hutto, R. L. and S. M. Gallo. 2006. The effects of postfire salvage logging on cavity-nesting birds. *Condor* 108: 817-831.
- Hydro Science and River Run Consulting. 2005. Ward Creek Watershed Restoration Project Technical Assessment prepared for: California Tahoe Conservancy. December, 2005. Prepared for: California Tahoe Conservancy by Hydro Science and River Run Consulting, Vacaville, CA. 216 pp.
- IMPROVE. 2011. Interagency Monitoring of Protected Visual Environments Spatial and Seasonal Patterns and Temporal Variability of Haze and its Constituents in the United States Report V June 2011. Cooperative Institute for Research in Atmosphere, Colorado State University, Fort Collins, CO 80523-1375. ISSN 0737-5352-87.
- The Institute for Bird Populations (IBP). 2002. IBP's Sierra Nevada Bird Observatory. Black-backed Woodpecker Monitoring and Management. <http://www.birdpop.org/Sierra/bbwo.htm>. May 23, 2013.
- Intergovernmental Panel on Climate Change (IPCC). 2007. Climate change 2007: the physical science basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press, Cambridge, UK.
- IPCC. 2001. Houghton, J.T., Y. Ding, D.J. Griggs, et al (eds.). Climate Change 2001: The Scientific Basis. Contribution of Working Group I to the Third Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge, UK: Cambridge University Press. http://www.grida.no/publications/other/ipcc%5Ftar/?src=/climate/ipcc_tar/wg1/index.htm
- IPCC. 2007. Intergovernmental Panel on Climate Change, fourth assessment report, climate change 2007: Synthesis report. <http://www.ipcc.ch/ipccreports/ar4-syr.htm>.
- Irwin, L.L., L.A. Clark, D.C. Rock, et al. 2007. Modeling foraging habitat of California spotted owls. *Journal of Wildlife Management* 71(4):1183-1191.
- Jackson, S.T., and R.J. Hobbs. 2009. Ecological restoration in the light of ecological history. *Science* 325: 567-568.
- Jacobs, J. Ecology and Management of Oxeye Daisy [On-line] Available at: <http://www.msuextension.org/ruralliving/Dream/PDF/oxeye.pdf> Accessed 11/29/2009.
- Jenness, J. S., P. Beier, J. L. Ganey. 2004. Associations between forest fire and Mexican spotted owls. *Forest Science* 50(6): 765-772.
- Jenning, M. and M. Hayes. 1994. Amphibians and reptile species of special concern in California. California Department of Fish and Game, Sacramento, California.
- Jennings, M.R. 1995 Native ranid frogs in California. Pp. 131-134. In LaRoe, E.T., G.S. Fariis, C.E. Puckett, P.D. Doran and M.J. Mac (Eds), *Our Living Resources: A Report t the Nation on the Distribution, Abundance,*

- and Health of US Plants, Animals, and Ecosystems. U.S. Department of the Interior, National Biological Service, Washington, D.C.
- Johnson, C.D. Ziebell, D.R. Patton, et al (tech. coords). 1985. Riparian ecosystems and their management: reconciling conflicting uses. USDA Forest Serv. Gen. Tech. Rep. RM-120.
- Johnson, D., L. Kershaw, A. MacKinno, et al. 1995. Plants of the Western Boreal Forest and Aspen Parkland. Lone Pine Publishing. 392 pp.
- Johnson, D.W., J.D. Murphy, R.F. Walker, and W.W. Miller. 2007. Wildfire effects on forest carbon and nutrient budgets. *Ecological Engineering* 31, 183–192.
- Johnston, D., and J. Gworek. 2006. [ABS]. Pallid bat (*Antrozous pallidus*) habitat use in a coniferous forest in northeastern California. *Bat Research News* 47:4,.
- Jones, B.E., T. H. Rickman, A. Vasquez, et al. 2005 Removal of encroaching conifers to regenerate aspen stands in the Sierra Nevada. *Restoration Ecology*. 13(2): 373-379.
- Joyce, L.A., and R. Birdsey (tech. eds.). 2000. The impact of climate change on America's forests: A technical document supporting the 2000 USDA Forest Service RPA Assessment. General Technical Report RMRS-GTR-59. Fort Collins, CO: USDA Forest Service, Rocky Mountain Research Station. http://www.fs.fed.us/rm/publications/titles/rmrs_gtr.html.
- Joyce, L.A., G.M. Blate, J.S. Littell, S.G. et al. 2008. National Forests. In: Preliminary review of adaptation options for climate-sensitive ecosystems and resources. A report by the U.S. Climate Change Science Program and the Subcommittee on Global Change Research [Julius, S.H., J.M. West (eds.), J.S. Baron, B. Griffith, L.A. Joyce, P. Kareiva, B.D. Keller, M.A. Palmer, C.H. Peterson, and J.M. Scott (Authors)]. U.S. Environmental Protection Agency, Washington, DC, pp. 3-1 to 3-127. Online at: <http://www.globalchange.gov/publications/reports/scientific-assessments/saps/306>
- Kalamandeen, M. and L. Gillson. 2007. Demything “wilderness”: implications for protected area designation and management. *Biodiversity and Conservation* 16:165-182.
- Kamerath M, S. Chandra, & B.C. Allen. 2008. Distribution and impacts of warm water invasive fish in Lake Tahoe, CA-NV, USA. *Aquatic Invasions*. 3: 35-41.
- Karam, Sarah L., P.J. Weisberg, R.M. Scheller., D.W. Johnson, and W.W. Miller. 2013. Development and evaluation of a nutrient cycling extension for the LANDIS-II landscape simulation model. *Ecological Modelling* 250 (2013) 45–57.
- Karlstrom, E.L. 1973. *Bufo canorous*. Pp 132.1-132.2. Catalogue of American Amphibian and Reptiles. Society for the Study of Amphibians and Reptiles, St. Louis, Missouri.
- Kartesz, John Thomas. 1987. A Flora of Nevada. PhD Dissertation, University of Nevada, Reno.
- Kattelman, R. 1996. Hydrology and water resources. Pages 855-920 In Sierra Nevada Ecosystem Project: Final Report to Congress, Assessments and Scientific Basis for Management Options, Vol II, chp 30. University of California, Centers for Water and Wildland Resources. Davis.
- Kauffman, J.B. and W.C. Krueger. 1984. Livestock Impacts on Riparian Ecosystems and Streamside Management Implications: A Review. *Journal Of Range Management* 37(5).

- Keane, J. J. 1999. Ecology of the northern goshawk in the Sierra Nevada, California. PhD. Dissertation. University of California, Davis, CA. 123 pp.
- Keane, J. January 2013. California spotted owl: Scientific consideration for forest planning (draft). Chapter 7.2 in Science Synthesis to Support Land and Resource Management Plan Revision in the Sierra Nevada and Southern Cascades. Pacific Southwest Research Station
- Keane, J. 2013 (April 16). Email to Patti Krueger about the 2012 results for Meadow Valley spotted owl study.
- Keane, R. E., P. F. Hessburg, P. B. Landres, et al. 2009. The use of historical range and variability (HRV) in landscape management. *Forest Ecology and Management* 258: 1025-1037.
- Keeley, J. E., T.W. McGinnis, and K.A. Bollens. 2005. Seed Germination of Sierra Nevada Postfire Chaparral Species. *Madrono* Vol. 52, No. 3, pp. 175-181, 2005.
- Keinath, D.A. 2004. Fringed myotis (*Myotis thysanodes*): a technical conservation assessment. [Online]. USDA Forest Service, Rocky Mountain Region. Available: <http://www.fs.fed.us/r2/projects/scp/assessments/fringedmyotis.pdf>.
- Kiemnec, G. L., and M.L. McInnis. 2002. Hoary Cress (*Cardaria Draba*) Root Extract Reduces Germination and Root Growth of Five Plant Species." *Weed Technology* 16, no. 1: 231-34.
- Kinter, C.L., B.A. Meador, N.L. Shaw, et al. 2007. Postfire Invasion Potential of Rush Skeletonweed (*Chondrilla Juncea*). " *Rangeland Ecology & Management* 60, no. 4: 38694.
- Kirk, T. A. and W. J. Zielinski. 2009. Developing and testing a landscape habitat suitability model for the American marten (*Martes Americana*) in the Cascades mountains of California. *Landscape Ecology* 24 (6): 759-773.
- Kjar, J. Craig. 2011. Travel Analysis Process. Boise, Idaho. Prepared for U.S. Forest Service Lake Tahoe Basin Management Unit, South Lake Tahoe, California.
- Klinger, R., E. C. Underwood, and P.E. Moore. 2006. The role of environmental gradients in non-native plant invasion into burnt areas of Yosemite National Park, California. *Diversity and Distributions* 12:139-156.
- Klinkhamer, P.G.L., T. J. Dejong, and E. Vandermeijden. 1989. Production, Dispersal and Predation of Seeds in the Biennial *Cirsium-Vulgare*." *Journal of Ecology* 76, no. 2: 403-14.
- Knapp, E.E, Estes, B.L., and C.N. Skinner. 2009. Ecological effects of prescribed fire season: a literature review and synthesis for managers. USDA Forest Service Pacific Southwest Research Station; General Technical Report PSW-GTR-224.
- Knapp, R. A., K. R. Matthews, H. K. Preisler, and R. Jellison. 2003. Developing probabilistic models to predict amphibian site occupancy in a patchy landscape. *Ecological Applications* 13:1069-1082.
- Knapp, R. A., D. M. Boiano, and V. T. Vredenburg. 2007. Removal of nonnative fish results in population expansion of a declining amphibian (mountain yellow-legged frog, *Rana muscosa*). *Biological Conservation* 135:11-20.
- Knapp, R. A., and K. R. Matthews. 2000. Effects of nonnative fishes on wilderness lake ecosystems in the Sierra Nevada and recommendations for reducing impacts. Pages 312-317 in *Proceedings: Wilderness Science in a Time of Change*. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.

- Knapp, R. A., and H.K. Preisler. 1999. Is it possible to predict habitat use by spawning salmonids? A test using California golden trout (*Oncorhynchus mykiss aguabonita*). *Canadian Journal of Fisheries and Aquatic Sciences* 56: 1576-1584.
- Knapp, R.A., C.P. Hawkins, J. Ladau and J.G. McClory. 2005. Fauna of Yosemite National Park lakes has low resistance, but high resilience to fish introductions. *Ecological Applications* 15: 835–847.
- Knight, R. L. and S. K. Knight. 1984. Response of Wintering Bald Eagles to Boating Activity. *Journal of Wildlife Management*, 48 (3): 999-1004.
- Koch, J., J. Strange and P. Williams. 2012. *Bumble Bees of the Western United States*. U.S. Forest Service and the Pollinator Partnership, Washington, D.C. 144 pp.
- Kocis, Zarnoch, and Arnold. 2002 Recreation, Heritage & Wilderness Programs, National Visitor Use Monitoring Program. Southern Research Station; May 2002 (<http://www.fs.fed.us/recreation/programs/nvum>).
- Kohler T. and T. Curren. 2007. Natural Hazard Study of the Lake Tahoe Basin Management Unit. USDA Forest Service, Lake Tahoe Basin Management Unit.
- Kotliar, N.B., S.J. Hejl, R.L. Hutto, et al. 2002. Effects of fire and post-fire salvage logging on avian communities in conifer-dominated forests of the western United States. *Studies in Avian Biology* No.25:49-64.
- Kowarik, I., and M. Von der Lippe. 2007. Pathways in Plant Invasions. Pages 29-47 in W. Nentwig, editor. *Biological Invasions*. Springer, Bern, Switzerland.
- Krueger-Mangold, J., R. L. Sheley, and B.D. Roos. 2002. Maintaining Plant Community Diversity in a Waterfowl Production Area by Controlling Canada Thistle (*Cirsium Arvense*) Using Glyphosate." *Weed Technology* 16, no. 2: 457-63.
- Kucera, T. 2004. Ecology of American martens on the Mammoth Mountain Ski area, Inyo National Forest, California. Inyo National Forest, Bishop, California.
- Kuhn, I., and S. Klotz. 2007. From Ecosystem Invasibility to Local, Regional and Global Patterns of Invasive Species. Pages 181-196 in W. Nentwig, editor. *Biological Invasions*. Springer, Bern, Switzerland.
- Kunz, T.H. and R.A. Martin. 1982. *Plecotus townsendii*. The American Society of Mammalogists, Mammalian Species, No. 175. 6 pp.
- Lacey, J. R., C.B. Marlow, and J.R. Lane. 1989. Influence of Spotted Knapweed (*Centaurea-Maculosa*) on Surface Runoff and Sediment Yield." *Weed Technology* 3, no. 4: 627-31.
- Lagerlöf, J., and H. Wallin. 1993. The Abundance of Arthropods Along Two Field Margins with Different Types of Vegetation Composition: An Experimental Study. *Agriculture, Ecosystems & Environment* 43, no. 2: 141-54.
- Lake, F.K. and J.W. Long. 2013. Fire and tribal Cultural Resources. Final Draft. Sept 9, 2013. In: Long, Jonathan; Skinner, Carl; North, Malcolm; Winter, Pat; Zielinski, Bill; Hunsaker, Carolyn; Collins, Brandon; Keane, John; Lake, Frank; Wright, Jessica; Moghaddas, Emily; Jardine, Angela; Hubbert, Ken; Pope, Karen; Bytnerowicz, Andrzej; Fenn, Mark; Busse, Matt; Charnley, Susan; Patterson, Trista; Quinn-Davidson, Lenya; Safford, Hugh; chapter authors and Synthesis team members. Bottoms, Rick; Hayes, Jane; team coordination and review. Meyer, Marc; Herbst, David; Matthews, Kathleen; additional contributors. USDA Forest Service Pacific Southwest Research Station. 2013. Science synthesis to promote resilience of social-ecological systems in the Sierra Nevada and southern Cascades. Albany, CA: U.S. Department of

- Agriculture, Forest Service, Pacific Southwest Research Station. 504 p.
http://www.fs.fed.us/psw/publications/reports/psw_sciencesynthesis2013/
- Lake Tahoe Basin Weeds Coordinating Group. 2011. Priority Invasive Weeds of the Lake Tahoe Basin. December 2011 (unpublished). On file at: Lake Tahoe Basin Management Unit, 35 College Drive, South Lake Tahoe, CA 96150.
- Lake Tahoe Basin Weed Coordinating Group. 2013. Invasive Weed Data 2012, Unpublished data provided to author by LTBWCG on 11 March 2013.
- Landauer, Lynn. 1995. *The Mountain Sea: A History of Lake Tahoe*. Flying Cloud Press, Honolulu, Hawaii.
- Landres, P. B., P. Morgan, and F. J. Swanson. 1999. Overview of the use of natural variability concepts in managing ecological systems. *Ecological Applications* 9: 1179-1188.
- Landres, P.B., J.Verner, and J.W.Thomas. 1988. Ecological uses of vertebrate indicator species: a critique. *Conservation Biology* 2:316-328.
- Lanford, B.L. and B.J. Stokes. 1995. Compaction of two thinning systems: Part 1. Stand and site impacts. *For. Pro. J.* 45(5):74-79.
- Lang, N. L. and C. B. Halpern. 2007. The soil seed bank of a montane meadow: consequences of conifer encroachment and implications for restoration. *Canadian Journal of Botany*: 85: 557-569.
- Larson, L., G. Kiemnec, and T. Smergut. 2000. Hoary Cress Reproduction in a Sagebrush Ecosystem. *Journal of Range Management* 53, no. 5: 556-59.
- Larsen, S. and S. J. Ormerod. 2010. Low-level effects of inert sediments on temperate stream invertebrates. *Freshwater Biology* 55: 476-486
- Latham, Don J., Schlieter, Joyce A. 1989. Ignition probabilities of wildland fuels based on simulated lightning discharges. Res. Pap. INT-411. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station. 16 pp.
- Lauk C et al. 2012. Global socioeconomic carbon stocks in long-lived products 1900-2008. *Environmental Research Letters* 7(3), Article Number 034023.
- Laves, K.S. and J.S. Romsos. 1998. Wintering bald eagle (*Haliaeetus leucocephalus*) and human recreational use on the south shore of Lake Tahoe. USDA Forest Service – Lake Tahoe Basin Management Unit, South Lake Tahoe, California. 31 pp.
- Lawler, J. J., H.D. Safford, and E. H. Girvetz. 2011. Martens and fishers in a changing climate. Pp. X-X[need info from Hugh], in K.B. Aubry (ed). *Biology and Conservation of Martens, Sables, and Fishers: A New Synthesis*. Cornell University Press, Ithaca, NY. In Press
- Lawler, J. J., S. L. Shafer, D. White, et al. 2009. Projected climate-induced faunal change in the Western Hemisphere. *Ecology*. 90(3): 588-597.
- Lawler, J. J., T. H. Tear, C. Pyke, M. R. Shaw, P. Gonzalez, et al. 2010. Resource management in a changing and uncertain climate. *Frontiers in Ecology and the Environment* 8: 35-43.

- LeBlanc, John W. 2001. Getting a handle on broom – Scotch, French, Spanish, and Portuguese brooms in California. Publication 8049. University of California, Agriculture and Natural Resources. Oakland, CA <http://anrcatalog.ucdavis.edu>.
- Lee, D. C. and L. L. Irwin. 2005. Assessing risks to spotted owls from forest thinning in fire-adapted forests of the western United States. *Forest Ecology and Management* 211: 191-209.
- Lee, D. E., M. L. Bond, R. B. Siegel. 2012. Dynamics of breeding-season site occupancy of the California Spotted Owl in burned forests. *Condor*, 114(4):792-802.
- Lee, D. E., M. L. Bond, M.I. Borchert, and R. Tanner. 2013. Influence of fire and salvage logging on site occupancy of spotted owls in the San Bernardino and San Jacinto Mountains of Southern California. *Journal of Wildlife Mangement* 77(7):1327-1341.
- Lehmann, J, J. Gaunt, and M. Rondon. 2006. Bio-char Sequestration in Terrestrial Ecosystems -A Review. *Mitigation and Adaptation Strategies for Global Change* (2006) 11: 403-427 DOI: 10.1007/s11027-005-9006-5.
- Lehmann, J. 2007. A Handful of Carbon. *Nature* Vol. 447, 10 May 2007, 143-44.
- Lenihan JM, Drapeck R, Bachelet D, Neilson RP. 2003. Climate change effects on vegetation distribution, carbon and fire in California. *Ecol Appl* 13: 1667–81.
- Lepori, F., D. Palm, E. Brannas, and B. Malmqvist. 2005. Does restoration of structural heterogeneity in streams enhance fish and macroinvertebrate diversity? *Ecological Applications* 15:2060–2071.
- Liddle, M.J. 1991. Recreation ecology: Effects of trampling on plants and corals. *Trends in Ecology & Evolution* 6:13-17.
- Liechty, H.O., M.G. Shelton, K.R. Luckow, et al. 2002. Impacts of shortleaf pine–hardwood forest management on soils in the Ouachita Highlands: a review. *South. J. Appl. For.* 26: 43–51.
- Lindstrom, S. P. Rucks, and P. Wigand. 2000. A contextual overview of human land use and environmental conditions. In: *Lake Tahoe Watershed Assessment*. PSW-GTR-175.
- Lockwood, J.L., P. Cassey, and T. Blackburn. 2005. The role of propagule pressure in explaining species invasions. *Trends in Ecology & Evolution* 20:223-228.
- Lofroth, E. C., C. M. Raley, J. M. Higly, et al. 2010. Conservation of Fishers (*Martes pennanti*) in South-Central British Columbia, Western Washington, Western Oregon, and California – Volume I: Conservation Assessment. USDI Bureau of Land Management, Denver, Colorado, USA.
- Lofroth, E. C., J. M. Higly, R. H. Naney, et al. 2011. Conservation of Fishers (*Martes pennanti*) in South-Central British Columbia, Western Washington, Western Oregon, and California – Volume II: Key Findings from Fisher Habitat Studies in British Columbia, Montana, Idaho, Oregon, and California. USDI Bureau of Land Management, Denver, Colorado, USA.
- Loft, E. R., J. W. Menke, J. G. Kie. 1991. Habitat shifts by mule deer: the influence of cattle grazing. *Journal of Wildlife Management*. 55: 16-26.
- Löhmus, A. 2005. Are timber harvesting and conservation of nest sites of forest-dwelling raptors always mutually exclusive? *Animal Conservation* 8:443-450.

- Long, Jonathan; Skinner, Carl; North, Malcolm; Winter, Pat; Zielinski, Bill; Hunsaker, Carolyn; Collins, Brandon; Keane, John; Lake, Frank; Wright, Jessica; Moghaddas, Emily; Jardine, Angela; Hubbert, Ken; Pope, Karen; Bytnerowicz, Andrzej; Fenn, Mark; Busse, Matt; Charnley, Susan; Patterson, Trista; Quinn-Davidson, Lenya; Safford, Hugh; chapter authors and Synthesis team members. Bottoms, Rick; Hayes, Jane; team coordination and review. Meyer, Marc; Herbst, David; Matthews, Kathleen; additional contributors. USDA Forest Service Pacific Southwest Research Station. 2013. Science synthesis to promote resilience of social-ecological systems in the Sierra Nevada and southern Cascades. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 504 p.
- Longcore J.E., A.P. Pessier, D.K. Nichols. 1999. *Batrachochytrium dendrobatidis* gen. et sp. nov., a chytrid pathogenic to amphibians. *Mycologia* 9: 219–227.
- Lonsdale, W.M. 1999. Global patterns of plant invasions and the concept of invasibility. *Ecology* 80:1522-1536.
- Loudermilk E.L., R.M. Scheller, P.J. Weisberg, J. Yang, T.E. Dilts, S.L. Karam, and C. Skinner. 2013. Carbon Dynamics in the Future Forest: The Importance of Long-Term Successional Legacy and Climate-Fire Interactions. *Glob Chang Biol.* 2013 Jul 2. doi: 10.1111/gcb.12310. <http://onlinelibrary.wiley.com/doi/10.1111/gcb.12310/pdf>
- Lovich, J. E., and D. Bainbridge. 1999. Anthropogenic degradation of the southern California desert ecosystem and prospects for natural recovery and restoration. *Environmental Management* 24:309–326.
- Low, G., D. Cameron, K. Klausmeyer, J. Mackenzie, et al. 2011. Forecasting the response of terrestrial habitats to climate change in the northern Sierra: adaptation strategies for the Northern Sierra Partnership. The Nature Conservancy, Reno, NV. Online at: <http://www.conservationgateway.org/file/forecasting-response-terrestrial-habitats-climate-change-northern-sierra-climate-adaptation-str>.
- Luckenbach, R. A., and R. B. Bury. 1983. Effects of off-road vehicles on the biota of the Algodones Dunes, Imperial County, California. *Journal of Applied Ecology* 20:265–286.
- Lym, R.G. 2002. Dalmatian Toadflax and Yellow Toadflax: Identification and Control, www.ag.ndsu.edu/pubs/plantsci/weeds/w1239w.htm.
- MacKenzie, D. I., M. E. Seamans, R. J. Gutiérrez, and J. D. Nichols. 2012. Investigating the population dynamics of California spotted owls without marked individuals. *Journal of Ornithology* 152:597-604.
- Machnicki, N. et al. 2006. *Russula crassotunica* identified as host for *Dendrocollybia racemosa*. *Pacific Northwest Fungi* 1:9: 1-7.
- Mack, R.N. 1981. Invasion Of *Bromus-Tectorum* L Into Western North-America - An Ecological Chronicle. *Agro-Ecosystems* 7:145-165.
- Magee, J. P., T. E. McMahon, and R. F. Thurow. 1996. Spatial variation in spawning habitat of cutthroat trout in a sediment-rich stream basin. *Transactions of the American Fisheries Society* 125 (5):768-779.
- Manley, P., J. A. Fites-Kaufman, M. G. Barbour, et al. 2000 Biological Integrity. In: Lake Tahoe Watershed Assessment. PSW-GTR-175.
- Manley, P.N. 2004. The Future of Biodiversity in the Sierra Nevada through the Lake tahoe Basin Looking Glass in Proceedings of the Sierra Nevada Science Symposium, Science for Management and Conservation. USDA Forest Service Pacific Southwest Research Station, General technical report PSW-GTR-193. Pp 207-217.

- Manley, P. N., D. D. Murphy, S. Bigelow, et al. 2010. Chapter 6: Ecology and Biodiversity in An Integrated Science Plan for the Lake Tahoe Basin: Conceptual Framework and Research Strategies, USDA Forest Service Pacific Southwest Research Station General Technical Report PSW-GTR-226. Pp.237-301.
- Manley, P.N., J. A. Fites-Kaufman, M. G. Barbour, M. D. Schlesinger, D. M. Rizzo. 2000. Biological Integrity (Chapter Five) in Lake tahoe Watershed Assessment: Volume I. USDA Forest Service Pacific Southwest Research Station, General Technical Report PSW-GTR-175. pp 403-598.
- Manley, P. N, and G. Tarbill. 2012. Ecological succession in the Angora fire: The role of woodpeckers as keystone species. Final Report to the South Nevada Public Lands Management Act. U.S. Forest Service, Pacific Southwest Research Station, Davis, California.
- Marra, P. P., S. Griffing, C. Caffrey, A. M. Kilpatrick, R. McLEAN, C. Brand, E. Saito, A. P. Dupuis, L. Kramer, and R. Novak. 2004. West Nile virus and wildlife. *BioScience* 54:393-402.
- Masters, R. A., and R. L. Sheley. 2001. Principles and Practices for Managing Rangeland Invasive Plants. *Journal of Range Management* 54:502-517.
- Mathewson, H.A., H.L. Loffland, M.L. Morrison, L. Vormwald, and C. Cocimano. 2007. 2007 annual report and preliminary demographic analysis for willow flycatcher monitoring in the central Sierra Nevada, in partial fulfillment of cost share agreement 06-CR-11052007 between Texas A&M University and U.S.D.A. Forest Service, Region 5. Tahoe National Forest. December 31, 2007. 59 pp.
- Mathewson, H. A., H. L. Loffland, M. L. Morrison. 2011. Demographic Analysis for Willow Flycatcher Monitoring in the Central Sierra Nevada, 1997–2010: Final Report for USDA Forest Service (May 15).
- Mathewson, H. A., M. L. Morrison, H. L. Loffland, P. E. Bussard. 2012. Ecology of willow flycatchers (*Empidonax traillii*) in the Sierra Nevada, California: Effects of meadow characteristics and weather on demographics. *Ornithological Monographs* 75L1-32.
- McBride, J. R. Jeffrey Pine. 1988. California Wildlife Habitat Relationship. <http://www.dfg.ca.gov/biogeodata/cwhr/pdfs/JPN.pdf>.
- McCarl, B.A., and R.D. Sands. 2007. Competitiveness of terrestrial greenhouse gas offsets: are they a bridge to the future? *Climate Change* (2007) 80:109-126 DOI: 10.1007/s10584-006-9168-5.
- McDaniel, M. 2013. Semivolatile Organic Compounds in Snowmobile Emissions and in the Snowpack and Surface Water in Blackwood Canyon, Lake Tahoe, CA. A dissertation submitted in partial fulfillment of the requirements of the degree of Doctor of Philosophy in Atmospheric Science, University of Nevada, Reno. Available upon request (Submitted July 4, 2013).
- McDaniel, M. and B. Zielinska. 2013. Determination of Chemical Composition and Fate of Snowmobile Emissions. Final Report for USDA Forest Service, Award No. 5-CR-11052008-044.
- McKenzie, D., Z. Gedalof, D. L. Peterson, and P. Mote. 2004. Climatic change, wildfire, and conservation. *Conservation Biology* 18: 890–902.
- McKnight, S and Engelhardt, B. 2013. LTBMU Rare Plant Species & Fungi Diversity- 2012 Monitoring Report. Lake Tahoe Basin Management Unit, USDA Forest Service, South Lake Tahoe, CA.
- McNeel, T.F. and H.M. Ballard. 1992. Analysis of site stand impacts from thinning with a harvester-forwarder system. *J. For. Eng.* 4(1):23-29.

- McNulty, S.G., E.C. Cohen, J.A. Moore, et al. 2007. Estimate of critical acid loads and exceedences for forest soils across the conterminous United States. *Environmental Pollution* 149, pp. 281-292.
- Merriam, K.E., J.E. Keeley, and J.L. Beyers. 2006. Fuel breaks affect nonnative species abundance in California plant communities. *Ecological Applications* 16:515-527.
- Meyer, Marc. 2013. Natural Range of Variation of Subalpine Forests in the Bioregional Assessment Area. Draft USDA, USFS PSW Document for Forest Planning Process.
- Millar, C. I., Barbour, M. G., Elliott-Fisk, D. L., et al. 1996. Sierra Nevada Ecosystems Project. Sierra Nevada Ecosystem Project Final Report to Congress. Wildland Resources Center Report No. 40. Davis. University of California. pp. 217-268. 1997. Lake Tahoe Case Study. Status of the Sierra Nevada Addendum. Sierra Nevada Ecosystem Project Final Report to Congress. Wildland Resources Center Report No. 40. University of California, Davis. pp. 217-268.
- Millar, C.I., N. L. Stephenson, and S. L. Stephens. 2007. Climate change and forests of the future: managing in the face of uncertainty. *Ecological Applications* 17: 2145–2151.
- Millar, C. I., and W. B. Woolfenden. 1999. The role of climate change in interpreting historical variability. *Ecological Applications* 9: 1207-1216.
- Miller, C. 2003. USDA Forest Service Proceedings RMRS-P-29. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.
- Miller J.D. 2007. Moonlight and Wheeler Fire Severity Maps.
- Miller, J.D., and H.D. Safford. 2008. Sierra Nevada fire severity monitoring, 1984-2004. Publication R5-TP-027. USDA-Forest Service, Pacific Southwest Region, Vallejo, CA.
- Miller, J.D., H.D. Safford, M. Crimmins,, et al. 2008. Quantitative Evidence for Increasing Forest Fire Severity in the Sierra Nevada and Southern Cascade Mountains, California and Nevada, USA; *Ecosystems*. 2008, DOI: 10.1007/s10021-008-9201-9.
- Miller, J. D., H. D. Safford, M. Crimmins, and A. E. Thode. 2009. Quantitative evidence for increasing forest fire severity in the Sierra Nevada and southern Cascade Mountains, California and Nevada, USA. *Ecosystems* 12:16-32.
- Miller J. D. and A. E. Thode. 2007. Quantifying burn severity in a heterogeneous landscape with a relative version of the delta Normalized Burn Ratio (dNBR). *Remote Sensing of Environment*, 109: 66-80.
- Miller, P. R., K.W. Stolte, D.M. Duriscoe, and J. Pronos [technical coordinators]. 1996. Evaluating ozone air pollution effects on pines in the western United States. Gen. Tech. Rep. PSW–GTR–155. Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture; 79 p.
- Miller, R.M., Colbert, S.R., and L.A. Morris, 2004. Effects of heavy equipment on physical properties of soils and on long-term productivity: a review of literature and current research. National Council for Air and Stream Improvement, Technical Bulletin No. 887, October, 2004, Research Triangle Park, NC.
- Miller, W.W., D.W. Johnson, S.L. Karam, R.F. Walker, and P.J. Weisberg. 2010. A synthesis of Sierran forest biomass management studies and potential effects on water quality. *Forests* 1:131-153.
- Miner, K., and D. Stokes. 2005. Bats in the south coast ecoregion: status, conservation issues, and research needs. In: *Planning for Biodiversity: Bringing Research and Management Together*. Kus, B., and J. Beyers,

- technical coordinators. Gen. Tech. Rep. PSW-GTR-195. US Forest Service, Pacific Southwest Research Station. Albany, CA. 274 pages.
- Minnich, R. A., M. G. Barbour J. H. Burk, and J. Sosa-Ramirez. 2000. Californian mixed-conifer forests under unmanaged fire regimes in the Sierra San Pedro Martir, Baja California, Mexico. *Journal of Biogeography* 27: 105-129.
- Minor, T. and M. Cablk 2004. Estimation of Hard Impervious Cover in the Lake Tahoe Basin Using Remote Sensing and Geographic Information Systems. Submitted to Tahoe Regional Planning Agency. Desert Research Institute, University and Community College System of Nevada
- Moghaddas, J.J., B.M. Collins, K. Menning, E.E.Y. Moghaddas, S.L. Stephens. 2010. Fuel treatment effects on modeled landscape-level fire behavior in the northern Sierra Nevada. *Canadian Journal of Forest Research* 40: 1751-1765.
- Morefield, J. D. (editor). 2001. Nevada Rare Plant Atlas. Carson City: Nevada Natural Heritage Program, compiled for the U.S. Department of Interior, Fish and Wildlife Service, Portland, Oregon and Reno, Nevada.
- Morehouse E.A., T.Y. James, A.R. Ganley, R. Vilgalys, L. Berger, P.J. Murphy, et al. 2003. Multilocus sequence typing suggests the chytrid pathogen of amphibians is a recently emerged clone. *Mol Ecol* 12: 395–403.
- Moreira, B., J. Tormo, E. Estrelles, et al. 2010. Disentangling the role of heat and smoke as germination cues in Mediterranean Basin flora. *Annals of Botany* 105: 627-635, 2010.
- Morgan J.A., V.T. Vredenburg, L.J. Rachowicz, R.A. Knapp, M.J. Stice, T. Tunstall, et al. 2007. Population genetics of the frog-killing fungus *Batrachochytrium dendrobatidis*. *Proc Natl Acad Sci USA* 104: 13845–13850.
- Moriarty, K.M. 2009. American Marten Distributions over a 28 Year Period: Relationships with Landscape Change in Sagehen Creek Experimental Forest, California, USA. Thesis for Master of Science, Oregon State University; Presented August 19, 2009, Commencement June 2010. 108pp.
- Moriarty, K. M., W. J. Zielinski, E. D. Forsman. 2011. Decline in American marten occupancy rates at Sagehen Experimental Forest, California, *Journal of Wildlife Management*, 75(8): 1774-1787.
- Moriarty, K.M. Zielinski, W.J. Gonzales, A.G. Dawson, T.E. Boatner, K.M. Wilson, C.A. Schlexer, F.V. Pilgrim, K.L. Copeland, J.P. and M.K. Schwartz. 2009. Wolverine Confirmation in California after Nearly a Century: Native or Long-Distance Immigrant? *Northwest Science* 83(2):154-162.
- Moritz, C., J. L. Patton, C. J. Conroy, J. L. Parra, G. C. White, S. R. Beissinger. 2008. Impact of a century of climate change on small-mammal communities in Yosemite National Park, USA. *Science*. 322: 261-943.
- Morrison, M. L., R. J. Young, J. S. Rosmos, R. Golightly. 2011. Restoring forest raptors: Influence of human disturbance and forest condition on northern goshawks. *Restoration Ecology* 19(2): 273-279.
- Moser, S., G. Franco, S. Pittiglio, W. Chou, and D. Cayan. 2009. The future is now: An update on climate change science impacts and response options for California. California Climate Change Center Report CEC-500-2008-071 (May 2009). California Energy Commission, Sacramento, CA.
- Moyle, P.B. and J.E. Williams. 1990. Biodiversity loss in the temperate zone: decline of the native fish fauna of California. *Conservancy Biol.* 4, 275–284.

- Moyle, P.B., R.M. Yoshiyama, J.E. Williams and E.D. Wikramanayake. 1995. Fish Species of Special Concern of California, second ed. California Department of Fish and Game, Sacramento.
- Moyle P. B., R. M. Yoshiyama, and R. A. Knapp. 1996. Status of fish and fisheries. In Sierra Nevada Ecosystem Project: Final report to Congress, vol. II, chap. 33. Davis: University of California, Centers for Water and Wildland Resources.
- Moyle, P.B., 2002. Inland Fishes of California, Revised and Expanded. University of California Press, Berkeley. 502 pp.
- Moyle, P.B., J.V.E. Katz, and R.M. Quiñones. 2011. Rapid decline of California's native inland fishes: A status assessment. *Biological Conservation* 144:2414–2423.
- Mozingo, Hugh N. and Margaret Williams. 1980. Threatened and Endangered Plants of Nevada. U.S. Department of the Interior Fish and Wildlife Service and U.S. Department of the Interior Bureau of Land Management.
- Munz, Philip A. 1968. A California Flora. University of California Press. Berkeley and Los Angeles, California.
- Murphy, D.D. and C.M. Knopp (eds). 2000. Lake Tahoe watershed assessment: Volume I. Gen. Tech. Rep. PSW-GTR-175. Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture; 736 pp.
- Murphy, J. D., D. W. Johnson, W. W. Miller, R. F. Walker, E. F. Carroll, and R. R. Blank. 2006. Wildfire Effects on Soil Nutrients and Leaching in a Tahoe Basin Watershed Published in *J. Environ. Qual.* 35:479–489.
- Murphy, K., Rich, T., and T. Sexton. 2007. An Assessment of Fuel Treatment Effects on Fire Behavior, Suppression Effectiveness, and Structure Ignition on the Angora Fire. United States Department of Agriculture R5-TP-025, August 2007.
- Nagel, T. A. and A. H. Taylor. 2005. Fire and persistence of montane chaparral in mixed conifer forest landscapes in the northern Sierra Nevada, Lake Tahoe Basin, California, USA. *Journal of the Torrey Botanical Society.* 132:3 442-457.
- The National Invasive Species Council (NISC). 2008. National Invasive Species Management Plan (2008-2012). Washington D.C.: NISC.
- National Research Council. 2011. Climate stabilization targets: emissions, concentrations, and impacts over decades to millennia. The National Academies Press, Washington, DC, USA.
- Natureserve: A Network Connecting Science with Conservation. 2011. [Online]. NatureServe Arlington, VA. Available: <http://www.natureserve.org/>. [2011, December 19].
- NatureServe. 2011. NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed: December 22, 2011).
- Neary, D.G., Ryan, K.C. and L.F. DeBano, eds. 2005. Wildland Fire in Ecosystems; Effects of Fire on Soil and Water. Gen. Tech. Rep. RMRS-GTR-42-vol. 4. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 250 p.
- Negron, J. F., J. D. McMillin, J. A. Anhold, and D. Coulson. 2009. Bark beetle-caused mortality in a drought-affected ponderosa pine landscape in Arizona, USA. *Forest Ecology and Management* 257: 1353–1362.

- Nevada Department of Agriculture. 2013. Nevada's Noxious Weed Seed Free Certification Program.
- Nevada Natural Heritage Program. 2006. Nevada rare plant and lichen list. Carson City, NV. Available at: <http://heritage.nv.gov/> (Accessed 12/9/2011).
- Norman, S. 1996a. McKinney Rubicon road monitoring report for 1995. January 1996. USDA Forest Service Lake Tahoe Basin Management Unit.
- Norman, S. 1996b. Watson Creek salvage timber sale water quality monitoring report: water years 1990-1994. June 1996. USDA Forest Service Lake Tahoe Basin Management Unit.
- Norman, S. 1997. Wasiu I and Wasiu II Timber Sale: Water Quality Monitoring Report 1980-1995. April 1997. USDA Forest Service Lake Tahoe Basin Management Unit.
- Norman, S. 2000. Brockway Salvage Timber Sale water quality monitoring report, water years 1991 through 1998. November 2000. USDA Forest Service Lake Tahoe Basin Management Unit.
- Norman, S. 2012. Analysis of Relative Impacts of Blackwood Creek Reach 6 Stream Channel and Floodplain Restoration Construction on Sediment Loading from the Blackwood Watershed during the 2009 and 2010 Water Years. USDA Forest Service Lake Tahoe Basin Management Unit Ecosystem Conservation Department.
- Norman S, C. Oehrli. And D. Immecker. 2009 Cookhouse Meadow Restoration Monitoring Report. Lake Tahoe Basin Management Unit
- North, M., M. Hurteau, and J. Innes. 2009. Fire suppression and fuels treatment effects on mixed-conifer carbon stocks and emissions. *Ecological Applications*, 19(6): 1385-1396, 2009.
- North, M., P. Stine, K. O'Hara, W. Zielinski, and S. Stephens. 2009. An ecosystem management strategy for Sierran mixed-conifer mixed-conifer forests. Gen. Tech. Rep. PSW-GTR-220. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 49 p.
- Norton, J.B., T.A. Monaco, J.M. Norton, D.A. Johnson, and T. A. Jones. 2004. Soil morphology and organic matter dynamics under cheatgrass and sagebush-steppe plant communities. *Journal of Arid Environments* 57:445-466.
- Noss, R.F. 1990. Indicators of monitoring biodiversity: a hierarchical approach. *Conservation Biology*. 4: 355-364. – trying to track down (was from George Washington NF documents)
- Noss, R.F. 1995. The ecological effects of roads, or the road to destruction, pp. 11-21. Unpublished Report. Wildlands CPR, U.S.A.
- NSW Department of Primary Industries. 2006. Reducing the impact of road crossings on aquatic habitat in coastal waterways – Northern Rivers, NSW. Report to the New South Wales Environmental Trust. NSW Department of Primary Industries, Wollongbar, NSW.
- Nunery, J.S., and W.S. Keeton. 2010. Forest carbon storage in the northeastern United States: net effects of harvesting frequency, post-harvest retention, and wood products. *Forest Ecology and Management* 259: 1363-1375.
- Ode, P.R. 2007a. Ecological condition assessment of California's perennial wadeable streams. Report to the State Water Resources Control Board's Non-Point Source Program. California Department of Fish and Game

- Aquatic Bioassessment Laboratory, Rancho Cordova, California. 42 pp. Available at http://www.swrcb.ca.gov/water_issues/programs/swamp/docs/reports/cmap_conditionassessment.pdf
- Ode, P.R. 2007b. Standard Operating Procedures for Collecting Benthic Macroinvertebrate Samples and Associated Physical and Chemical Data for Ambient Bioassessments in California. California State Water Resources Control Board Surface Water Ambient Monitoring Program (SWAMP) Bioassessment SOP 001. Available at http://swamp.mpsl.mlml.calstate.edu/wp-content/uploads/2009/04/swamp_sop_bioassessment_collection_020107.pdf
- Ode, P.R. and K. Schiff. 2009. Recommendations for the development and maintenance of a reference condition management program (RCMP) to support biological assessment of California's wadeable streams. Report to the State Water Resources Control Board's Surface Water Ambient Monitoring Program (SWAMP), Sacramento, CA. Available at http://www.waterboards.ca.gov/water_issues/programs/swamp/docs/qamp/wadestreams_rcmpfinal.pdf.
- Oehrli C. and S. Norman, 2009. Interim Monitoring Report for Blackwood Creek Restoration Phase I and II: Fish Ladder Removal and Barker Pass Road Crossing Replacement. Lake Tahoe Basin Management Unit.
- Olin, E. 2009. 2008 Annual Invasive Weed Report for the Lake Tahoe Basin Management Unit. USDA Forest Service, Lake Tahoe Basin Management Unit, South Lake Tahoe, CA.
- Olin, E. 2010. Annual Invasive Weed Report for the Lake Tahoe Basin Management Unit. Unpub. On file at: South Lake Tahoe, CA: USDA Forest Service LTBMU.
- Oliver, A.A., M.T. Bogan, D.B. Herbst, R.A. Dahlgren. 2012. Short-term changes in-stream macroinvertebrate communities following a severe fire in the Lake Tahoe Basin, California. *Hydrobiologia*, June (II) 689.
- Omi, P. N. and E. J. Martinson 2002. Effect of Fuels Treatment on Wildfire Severity. Western Forest Fire Research Center, Colorado State University.
- Oregon Institute for Natural Resources (INR). 2007. Rare, Threatened and Endangered Species of Oregon. [Online:] Portland, OR: INR and Oregon Natural Heritage Information Center Available at http://oregonstate.edu/ornhic/2004_t&e_book.pdf (Accessed 2008, August 12).
- Ornduff, R., P. M. Faber, T. Keeler-Wolf, and P. Gaede. 2003. Introduction to California Plant Life, Revised Edition. University of California Press, Berkeley, CA.
- Ottmar, R. 2001. Smoke Source Character. In Smoke Management Guide for Prescribed and Wildland Fire 2001 edition. Edited by Hardy.C., Ottmar, R., Peterson, J., Core, J., Seaman, P. National Wildfire Coordination Group. NFES 1279. pp226.
- Pacala, S., and R. Socolow. 2004. Stabilization Wedges: Solving the Climate Problem for the Next 50 Years with Current Technologies. *Science*, 305, 968 (2004), DOI: 10.1126/science.1100103.
- Page-Dumroese, D.S., M.F. Jurgensen, A.E. Tiarks, F. Ponder, Jr., F.G. Sanchez, R.L. Fleming, J.M. Kranabetter, R.F. Powers, D.M. Stone, J.D. Elioff, and D.A. Scott. Soil physical property changes at the North American Long-Term Soil Productivity study sites: 1 and 5 years after compaction. *Can. J. For. Res.* 36: 551–564 (2006).
- Pallid Bat Recovery Team. 2008. Recovery Strategy for the Pallid Bat (*Antrozous pallidus*) in British Columbia. Prepared for the B.C. Ministry of Environment, Victoria B.C. 18 pp.

- Pardo, L.H., M.E. Fenn, CL. Goodale, et al.. 2011. Effects of nitrogen deposition and empirical nitrogen critical loads for ecoregions of the United States. *Ecological Applications*, 21(8), 2011, pp. 3049–3082. Ithaca, NY: Ecological Society of America.
- Parameter, J. and B. Uhrenholdt. 1975. Some Effects of Pine Needles or Grass Smoke on Fungi. *Phytopathology*. Vol 65:28-31
- Parendes, L.A., and J.A. Jones. 2000. Role of light availability and dispersal in exotic plant invasion along roads and streams in the H.J. Andrews Experimental Forest, Oregon. *Conservation Biology* 14(1):64-75.
- Parmesan, C. 2006. Ecological and evolutionary responses to recent climate change. *Annual review of Ecology and Systematics*. 37: 637-669.
- Parmesan, C. and G. Yohe. 2003. A globally coherent fingerprint of climate change impacts across natural systems. *Nature*. 421: 37-42.
- Parmeter, J.R., Jr. and B. Uhrenholdt. 1974. Some Effects of Pine-Needle or Grass Smoke on Fungi. *Phytopathology* 65:28-31.
- Pauchard, A., C. Kueffer, H. Dietz, C.C. Daehler, J. Alexander, P.J. Edwards, J.R. Arevalo, L.A. Cavieres, A. Guisan, S. Haider, G. Jakobs, K. McDougall, C. I Millar, B.J. Naylor, C.G. Parks, L.J. Raw, and T. Seibel. 2009. Isn't no mountain high enough: plant invasions reaching new elevations. *Frontiers in Ecology and the Environment*. (7) [Online] Available at: <http://www.treesearch.fs.fed.us/pubs/31764>
- Pavlik, B. et al. 2002. Conservation Strategy for Tahoe Yellow Cress (*Rorippa susubumbellata*). Tahoe Regional Planning Agency, Lake Tahoe, NV. Online: http://heritage.nv.gov/reports/rosu_CS.pdf, Accessed: July, 12 2011.
- Peery, M. Z., R. J. Gutiérrez, R. Kirby, O. E. LeDee, and W. LaHaye. 2012. Climate change and spotted owls: potentially contrasting responses in the Southwestern United States. *Global Change Biology* 18:865-880.
- Perrine, J.D. 2005. Ecology of red fox (*Vulpes vulpes*) in the Lassen Peak region of California, USA. Ph.D. Dissertation, University of California, Berkeley. 251pp.
- Perrine, J. D., L. A. Campbell. G. A. Green. 2010. Sierra Nevada red Fox (*Vulpes vulpes necator*): A Conservation Assessment. US Department of Agriculture General Technical Report R5-FR-010. 42 pp.
- Peterson, A. 1986. Habitat suitability index models (breeding season). US Dept. Inter. Fish and Wildl. Serv. Biol. Rep. 82(10.126). 25 pp.
- Piaggio, A. 2005. Western Bat Working Group Species Account (*Corynorhinus townsendii*) Townsend's big-eared bat. http://www.wbwg.org/speciesinfo/species_accounts/vespertilionidae/coto.pdf
- Piotrowski J.S., S.L. Annis, J.E. Longcore. 2004. Physiology of *Batrachochytrium dendrobatidis*, a chytrid pathogen of amphibians. *Mycologia* 96: 9–15.
- Point Blue Conservation Science. Date Unknown. Bioregional Management Indicator Species. Sierra Nevada Avian Monitoring Information Network. <http://data.prbo.org/apps/snamin/>. May 23, 2013.
- Postovit, H. R., and B. C. Postovit. 1987. Impacts and mitigation techniques. Pages 183–213 In: Pendleton, G., B. A. Millsap, K. W. Cline, et al (eds). Raptor management techniques manual. National Wildlife Federation, Washington, D.C.

- Potito, A.P., and S.W. Beatty. 2005. Impacts of recreation trails on exotic and ruderal species distribution in grassland areas along the Colorado Front Range. *Environmental Management* 36:230-236.
- Potter, D.A. 1998. Forested communities of the upper montane in the central and southern Sierra Nevada. General Technical Report PSW-GTR-169. USDA Forest Service, Pacific Southwest Research Station, Albany, CA.
- Potyondy J, and T Geier. 2011. Watershed Condition Classification Technical Guide, FS-978. USDA Forest Service.
- Potyondy J et. al. 2011. Watershed Condition Classification Technical Guide, FS-977. USDA Forest Service.
- Powers, R. F., D.A. Scott, F.G. Sanchez, R.A. Voldseth, D. Page-Dumroese, J.D. Elioff, and D. M. Stone. 2005. The North American long-term soil productivity experiment: Findings from the first decade of research. *Forest Ecology and Management* 220 (2005) 31–50.
- Price, M.J. 1985. Impacts of recreational activities on alpine vegetation in western North America. *Mountain Research and Development*, Vol. 5, No. 3, 1985, pp. 263-277.
- Public Law 96-586 (Santini-Burton Act) of December 23, 1980.
- Purcell, K.L., C.M. Thompson, and W.J. Zielinski. 2012. Fishers and American Martens in PSW-GTR-237 Managing Sierra Nevada Forests, USDA Forest Service, Pacific Southwest Research Station.
- Quinn, T.R., C.D. Canham, K.C. Weathers, et al. 2009. Increased Tree Carbon Storage in Response to Nitrogen Deposition in the US. *Nature Geoscience* 3 (2009): 13-17.
<http://www.nature.com/ngeo/journal/v3/n1/full/ngeo721.html>
- Quiñones, R. M., and T. J. Mulligan. 2005. Habitat use by juvenile salmonids in the Smith River estuary, California. *Transactions of the American Fisheries Society* 134 (5):1147-1158.
- Raddum G.G., and A. Fjellheim. 1984. Acidification and early warning organisms in freshwater in western Norway. *International Association of Theoretical and Applied Limnology* 22: 1973-1980.
- Radosevich, S. Plant Invasions and Their Management, Chapter 3. In: CIPM Online Invasive Plant Management Textbook. OR: Corvallis. Oregon State University. Available at:
http://www.weedcenter.org/textbook/pdf_toc.html (Accessed 11/21/2009).
- Rambaldini, D. 2005. Species account for the pallid bat (2005 update on the 1998 account by R. Sherwin). Western Bat Working Group.
- Randall, J.M., M. Rejmánek, and J.C. Hunter. 1998. Characteristics of the exotic flora of California. *Fremontia* 26:3-12.
- Raphael, M. G. and L. L. C. Jones. 1997. Characteristics of resting and denning sites of American marten in central Oregon and western Washington pages 146-165 in Proulx, G., H. N. Bryant, and P. M. Woodward (eds). *Marten: taxonomy, ecology, techniques, and management*. Provincial Museum of Alberta, Edmonton, Alberta, Canada.
- Rasmussen, C., Southard, R.J., and W.R. Horwath. 2008. Litter type and soil minerals control temperate forest soil carbon response to climate change *Global Change Biology* (2008) 14, 2064–2080.
- Rauscher, S. A., J. S. Pal, N. S. Duffenbaugh, M. M. Benedetti. 2008. Future changes in snowmelt-driven runoff timing over the western US. *Geophysical Research Letters* 35, L16703.

- Reah, D. et al. 2005. Polycyclic Aromatic hydrocarbons in water, sediment, and snow, from Lakes In Grant Teton National Park, Wyoming. USGS-CERC-91344. WY: Jackson.
- Reed, C. 2007. 2006 Annual Invasive Weed Report for the Lake Tahoe Basin Management Unit. USFS internal document. 8 pp.
- Reed, C. 2008. 2007 Annual Invasive Weed Report for the Lake Tahoe Basin Management Unit. USFS internal document. 11 pp.
- Reed, C. 2009. 2008 Annual Invasive Weed Report for the Lake Tahoe Basin Management Unit. USFS internal document. 26 pp.
- Reed, C. 2009. 2009 Annual Invasive Weed Report for the Lake Tahoe Basin Management Unit. USFS internal document. 21 pp.
- Regan, K. 2004. The Need for a Comprehensive Approach to Protecting Rare Plants: Florida as a Case Study. *Natural Resources Journal* 44:125-162.
- Rehn, A.C. 2009. Benthic macroinvertebrates as indicators of biological condition below hydropower dams on west slope Sierra Nevada streams, California, USA. *River Research and Applications* 25:208-228.
- Relyea, C.D., G.W. Minshall and R.J. Danehy. 2012. Development and validation of an aquatic fine sediment biotic index. *Environmental Management* 49:242–252.
- Renz, M.J. 2005. Perennial pepperweed, *Lepidium latifolium* L. Alaska Natural Heritage Program, Environment and Natural Resources Institute, University of Alaska Anchorage.. Available at: http://akweeds.uaa.alaska.edu/pdfs/potential_species/bios/Species_bios_LELA.pdf
- Resh, S.C, L.A. Joyce, and M.G. Ryan. 2007 Fuel Treatments by Mulching – A Synthesis of the Ecological Impacts. [Online:] Fort Collins, CO: Department of Forest, Rangeland, and Watershed Stewardship. Available at: http://lamar.colostate.edu/~mryan/Publications/Resh_Joyce_Ryan_Mulching_Ecol_Effects_WJAF_Submitted.pdf
- Resh, V.H. and D.G. Price. 1984. Sequential sampling: a cost-effective approach for monitoring benthic macroinvertebrates in environmental impact assessments. *Environmental Management* 8:75-80.
- Resh, V.H. and D.M. Rosenberg. 1989. Spatial-temporal variability and the study of aquatic insects. *Canadian Entomologist* 121:941-963.
- Ribe, T., and T. Ingalsbee. 2011. Smoke Signals: The Need for Public Tolerance and Regulatory Relief for Wildland Smoke Emissions. Firefighters United for Safety, Ethics, and Ecology (FUSEE) August 2011.
- Rich, A. 2007. Territory status of California Spotted Owl (*Strix occidentalis occidentalis*) following fuel reduction treatments: management case studies from the Stanislaus National Forest, Poster presented at Raptor Research Foundation.
- Richardson, T. W. 2007. Avian use, nest-site selection, and nesting success in Sierra Nevada Aspen. Ph.D. Dissertation. University of Nevada, Reno, NV.
- Richardson, T. W., D.S. K. Heath. 2004. Effects of conifers on aspen-breeding bird communities in the Sierra Nevada. *Transactions of the Western Section of the Wildlife Society* 39: 68-81.

- Rieman, Bruce E. and Isaac, Daniel J. 2010. Climate change, aquatic ecosystems, and fishes in the Rocky Mountain West: implications and alternatives for management. Gen. Tech. Rep. RMRS-GTR-250. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 46p.
- Rinne, J.N. 1988. Effects of livestock grazing enclosure on aquatic macroinvertebrates in a montane stream, New Mexico. *Great Basin Nat.* 48:146-153.
- Rippy, Raini C.; Stewart, Jane E.; Zambino, Paul J.; Klopfenstein, Ned B.; Tirocke, Joanne M.; Kim, Mee-Sook; Thies, Walter G. 2005. Root diseases in coniferous forests of the Inland West: potential implications of fuels treatments. Gen. Tech. Rep. RMRS-GTR-141. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 32 p.
- Risser, R. J. and M. E. Fry. 1988. Montane Chaparral. California Wildlife Habitat Relationship. <http://www.dfg.ca.gov/biogeodata/cwhr/pdfs/MCP.pdf>
- Rixen, C., Stoeckli, V., and W. Ammann. 2003. Does artificial snow production affect soil and vegetation of ski pistes? A review. *Perspectives in Plant Ecology, Evolution and Systematics*, Vol 5/4, 219-230 (2003).
- Roberts, L. Jay. 2013. Personal Comm. Sierra Nevada MIS Forest-specific population distribution data. April 12, 2013.
- Roberts, S. and M. North. 2012. California Spotted Owls. Chapter 5 in PSW-GTR-237 Managing Sierra Nevada Forests, USDA Forest Service, Pacific Southwest Research Station.
- Roberts, S. L., J. W. van Wagtenonk, A. K. Miles, D. A. Kelt. 2011. Effects of fire on spotted owl site occupancy in a late-successional forest. *Biological Conservation*. 144: 610-619.
- Robichaud P, Beyers JL, Neary DG. 2000. Evaluating the effectiveness of post-fire rehabilitation treatments. USDA Forest Service, Rocky Mountain Research Station, General Technical Report RMRS-GTR-63. Fort Collins, CO: Rocky Mountain Research Station.
- Rogers, J. A. Jr. and H. T. Smith. 1997. Buffer zone distances to protect foraging and loafing waterbirds from human disturbance in Florida. *Wildlife Society Bulletin*, 25(1):139-145.
- Rollins-Smith L.A., J.M. Conlon. 2005. Antimicrobial peptide defenses against chytridiomycosis, an emerging infectious disease of amphibian populations. *Dev Comp Immunol* 29: 589–598.
- Root, T. L., J. T. Price, K. R. Hall, S. H. Schneider, C. Rosenzweig, and J. A. Pounds. 2003. Fingerprints of global warming on wild animals and plants. *Nature* (421): 57-60.
- Rothermel, R. C. 1983. How to predict the spread and intensity of forest and range fires. GTR INT-143. Ogden, Utah: USDA Forest Service Intermountain Research Station. GTR-INT-143. 161 p.
- Rotta, G. W. 2011. Assessment of Impacts of the Moonlight Fire on Sensitive Wildlife Species Habitat, U.S. Department of Agriculture, Forest Service, Plumas National Forest, unpublished report. 29 pp
- Rowe, C.J., D. Uzes, and B.E. Engelhardt. 2013. Initial Assessment of Invasive Plant Introduction and Spread after Project Implementation, Unpublished report on file at: USDA Forest Service, Lake Tahoe Basin Management Unit, South Lake Tahoe, Ca.
- Rowe, H.I., Brown, C.S., and M. W. Paschke. 2008. The Influence of Soil Inoculum and Nitrogen Availability on Restoration of High-Elevation Steppe Communities Invaded by *Bromus tectorum* *Restoration Ecology* Vol. 17, No. 5, pp. 686–694.

- Ruggiero, L. F., E. Pearson and S. E. Henry. 1998. Characteristics of American marten den sites in Wyoming. *Journal of Wildlife Management* 62 (2): 663-673.
- Ryan, Maria. 1998. Perennial pepperweed (*Lepidium latifolium*) in southern Nevada. University of Nevada Cooperative Extension. Reno, NV. www.unce.unr.edu/tallwhitetop/.
- Saab, V.A., R. E. Russell, J. G. Dudley. 2009. Nest-site selection by cavity nesting birds in relation to postfire salvage logging. *Forest Ecology and Management*, 257: 151-159.
- Safford, H.D. 2010. A summary of current trends and probable future trends in climate and climate-driven processes in the Lake Tahoe Basin and the neighboring Sierra Nevada. USDA Forest Service, Pacific Southwest Region Ecology Program (Dec 15, 2010), Vallejo, CA. Online at: <http://fsweb.r5.fs.fed.us/program/ecology/>.
- Safford, H. D., G. Hayward, N. E. Heller, and J. Wiens. 2012 (in press). Historical ecology, climate change and resource management: can the past still inform the future? Pages __, in: J. Wiens, G. Hayward, H. Safford, and C. Giffen (eds). *Historical environmental variation in conservation and natural resource management: Past, present and future*. John Wiley and Sons, New York, NY.
- Safford, H.D., K. van de Water, and D. Schmidt. 2011. California Fire Return Interval Departure (FRID) map, 2010 version. USDA Forest Service, Pacific Southwest Region and The Nature Conservancy-California. URL: <http://www.fs.fed.us/r5/rsl/clearinghouse/r5gis/frid/>
- Safford, H. D., J. Miller, D. Schmidt, B. Roath, A. Parsons. 2008. BAER soil burn severity maps do not measure fire effects to vegetation. A comment on Odion and Hanson (2006). *Ecosystems* 11: 1-11.
- Safford, H. D., and D. A. Schmidt. 2007. Historic reference condition mapping: Lake Tahoe Basin Management Unit. USDA Forest Service Pacific Southwest Region, Regional Ecology Program, and The Nature Conservancy, California. Vallejo, CA. 20 pp.
- Safford, H. D., D. A. Schmidt, and C.H. Carlson. 2009. Effects of fuel treatments on fire severity in an area of wildland–urban interface, Angora Fire, Lake Tahoe Basin, California. *Forest Ecology and Management*. 258(5):773-787.
- Sands, R., Greacen, E.L., and Gerard, C.J. 1979. Compaction of sandy soils in radiata pine forests: I. A penetrometer study. *Aust. J. Soil Res.* 17: 101–113.
- Saracco, J.F., R.B. Siegel, and R.L. Wilkerson. 2011. Occupancy modeling of black-backed woodpeckers on burned Sierra Nevada forests. *Ecosphere* 2(3): art31. doi:10.1890/ES10-00132.1.
- Sauer, J. R., J. E. Hines, and J. Fallon. 2007. *The North American Breeding Bird Survey, Results and Analysis 1966 - 2006*. Version 10.13.2007. USGS Patuxent Wildlife Research Center, Laurel, MD.
- Sawyer, J.O. and T. Keeler-Wolf, 1995. *A Manual of California Vegetation*. California Native Plant Society, Sacramento, California.
- Scheller, R.M., W.D. Spencer, H. Rustigian-Romsos, A.D. Syphard, B.R. Ward, J.R. Strittholt. 2011. Using stochastic simulation to evaluate competing risks of wildfires and fuels management on an isolated forest carnivore. *Landscape Ecology* 26: 1491-1504.
- Schlesinger, M. D., P. N. Manley, M. Holyoak. 2008. Distinguishing stressors acting on land bird communities in an urbanizing environment. *Ecology* 89(8): 2302 -2314.

- Science Advisory Team. 2011. Scientific Assessment of Yellowstone National Park Winter Use. Prepared in support of the Yellowstone National Park Winter Use Plan. 190pp.
- Scott, E. B. 1957. The Saga of Lake Tahoe. Volume I. Crystal Bay: Sierra-Tahoe Publishing Company.
- Scott, J.H. and E.D. Reinhardt. 2001. Assessing Crown Fire Potential by Linking Models of Surface and Crown Fire Behavior. USDA Forest Service Rocky Mountain Research Station Research Paper RMRS-RP-29.
- Scott, M. L., S. K. Skagen, and M. F. Merigliano. 2003. Relating geomorphic change and grazing to avian communities in riparian forests. *Conservation Biology* 17: 284-296.
- Society for Ecological Restoration International (SER). 2004. SER International Primer on Ecological Restoration, Version 2, October, 2004. Science & Policy Working Group. <http://www.ser.org/resources/resources-detail-view/ser-international-primer-on-ecological-restoration#3>. Accessed 13 September, 2013.
- Seamans, M. E., J. Corcoran, and A. Rex. 2004. Southernmost record of a spotted owl x barred owl hybrid in the Sierra Nevada. *Western Birds* 35:173-174.
- Seamans, M. E. and R. J. Gutiérrez. 2007. Habitat selection in a changing environment: the relationship between habitat alteration and spotted owl territory occupancy and breeding dispersal. *The Condor* 109: 566-576.
- Sears, C.L. 2006. Assessing distribution, habitat suitability, and site occupancy of great gray owls (*Strix nebulosa*) in California. M.S. Thesis, University of California, Davis. 88pp.
- Sheley, Roger L. and Janet K. Petroll, eds. 1999. Biology and management of noxious rangeland weeds. Oregon State University Press, Corvallis OR. 438 pp.
- Shepperd, W. D., P. C. Rogers, D. Burton, D. L. Bartos. 2001. Ecology, Biodiversity, Management, and Restoration of Aspen in the Sierra Nevada. USDA Forest Service Rocky Mountain research Station General technical report RMRS-GTR-178.
- Sheppard, W.D., P.C. Rogers, D. Burton, and D.L. Bartos. 2006. Ecology, Biodiversity, Management, and Restoration of Aspen in the Sierra Nevada. RMRS General Technical, RMRS-GTR-178 Report.
- Shetter, D.S. 1961. Survival of brook trout from egg to fingerling state in two Michigan trout streams. *Transactions of the American Fisheries Society*. 90: 252-258.
- Shimamoto, K. 1988. White fir. California Wildlife Habitat Relationship. <http://www.dfg.ca.gov/biogeodata/cwhr/pdfs/WFR.pdf>
- Siegel, R.B. and D.F. DeSante. 1999. Version 1.0. The draft avian conservation plan for the Sierra Nevada Bioregion: conservation priorities and strategies for safeguarding Sierra bird populations. Institute for Bird Populations report to California Partners in Flight. Available on-line: <http://www.prbo.org/calpif/htmldocs/sierra.html>.
- Siegel, R. B., J. F. Saracco, and R. L. Wilkerson. 2010. Management indicator species (MIS) surveys on Sierra Nevada national forests: Black-backed Woodpecker. 2009 annual report. Report to USFS Pacific Southwest Region. The Institute for Bird Populations, Point Reyes Station, CA. PDF
- Siegel, R.B., M.W. Tingley, and R.L. Wilkerson. 2011. Black-backed Woodpecker MIS Surveys on Sierra Nevada National Forests: 2010 Annual Report. The Institute for Bird Populations' Sierra Nevada Bird Observatory. 65pp.

- Siegel, R. B., M. W. Tingley, and R. L. Wilkerson. 2012. Black-backed Woodpecker MIS Surveys on Sierra Nevada National Forests: 2011 Annual Report. Report to USFS Pacific Southwest Region. The Institute for Bird Populations, Point Reyes Station, CA. PDF
- Siegel, R. B., M. W. Tingley, and R. L. Wilkerson. 2011. Black-backed Woodpecker MIS surveys on Sierra Nevada National Forests: 2010 annual report. Report to USFS Pacific Southwest Region. The Institute for Bird Populations, Point Reyes Station, CA. PDF
- Siegel, R. B., M. W. Tingley, R. L. Wilkerson, M. L. Bond, and C. A. Howell. 2013. Assessing home range size and habitat needs of Black-backed Woodpeckers in California: Report for the 2011 and 2012 field seasons. Report to USFS Pacific Southwest Region. The Institute for Bird Populations, Point Reyes Station, CA.
- Sierra Nevada Ecosystem Project (SNEP). 1996. Summary of the Sierra Nevada Ecosystem Project Report (Davis: University of California, Centers for Water and Wildland Resources, 1996).
- Sierra Nevada Research Center. 2007. Plumas Lassen Study 2006 Annual Report. USDA Forest Service, Pacific Southwest Research Station, Sierra Nevada Research Center, Davis, California. 182pp.
- Sierra Nevada Research Center. 2008. Plumas Lassen Study 2007 Annual Report. USDA Forest Service, Pacific Southwest Research Station, Sierra Nevada Research Center, Davis, California. 310pp.
http://www.fs.fed.us/psw/programs/snrc/forest_health/plas_annual_report_2007.pdf
- Sierra Nevada Research Center. 2009. Plumas Lassen Study 2008 Annual Report. USDA Forest Service, Pacific Southwest Research Station, Sierra Nevada Research Center, Davis, California. 223pp.
http://www.fs.fed.us/psw/topics/ecosystem_processes/sierra/forest_health/plas/plas_annual_report_2008.pdf
- Sierra Nevada Research Center. 2010. Plumas Lassen Study 2009 Annual Report. USDA Forest Service, Pacific Southwest Research Station, Sierra Nevada Research Center, Davis, California. 184pp.
http://www.fs.fed.us/psw/topics/ecosystem_processes/sierra/forest_health/plas/plas_annual_report_2009.pdf
- Simberloff, D. 1998. Flagships, umbrellas, and keystones: Is single-species management passé in the landscape era? *Biological Conservation* 83(3): 247-257.
- Sikes, K., D. Roach, J. Evens. 2011. Plant Community Characterization and Ranking of Fens in the Lake Tahoe Basin, California and Nevada. California Native Plant Society, Sacramento. Available at:
http://www.cnps.org/cnps/vegetation/pdf/tahoe_basin_fen-sikes2011.pdf.
- Skerratt L.F., L. Berger, R. Speare, S. Cashins, K.R. McDonald, A.D. Phillott, et al. 2007. Spread of chytridiomycosis has caused the rapid global decline and extinction of frogs. *EcoHealth* 4: 125–134.
- Skinner, C. N., J. H. Burk, M. G. Barbour, E. Franco-Vizcaíno, and S. L. Stephens. 2008. Influences of climate on fire regimes in montane forests of north-western Mexico. *Journal of Biogeography*. Volume 35, Issue 8, pages 1436–1451.
- Skinner, C.N.; Chang, C. 1996. Fire regimes, past and present. In: Sierra Nevada Ecosystem Project: Final report to Congress, Vol. II. Assessments and scientific basis for management options. Water Resources Center Report No. 37. Davis, CA: Centers for Water and Wildland Resources, University of California; 1041-1069.

- Slauson, K. M. 2011. Personal Communication. (September 9). Email with USDA Forest Service Wildlife Biologist Stephanie Coppeto regarding status of martens in the Lake Tahoe Basin Management Unit.
- Slauson, K.M. 2013. Personal Communication. March 22. Email exchange with Stephanie Coppeto (wildlife biologist at Lake Tahoe Basin Management Unit) regarding comments on the Limited Operating Period for marten and importance of female reproductive habitat.
- Slauson, K.M., W. T. Zielinski, J.P. Hayes. 2007. Habitat selection by American Martens in Coastal California. *Journal of Wildlife Management*, 71(2): 458-468.
- Slauson, K.M. and W. J. Zielinski. 2008. A Review of the effects of forest thinning and fuels reduction on American martens (*Martes Americana*) pertinent to the southern cascades region of California. Final Report, US Department of Agriculture, Forest Service, Pacific Southwest Research Station, Redwood Sciences Laboratory, Arcata, CA. p. 15
- Smith, G. 1984. A flora of the Tahoe basin and neighboring areas and supplement. University of San Francisco, San Francisco, CA.
- Smith, H.A., Johnson, W.S., Shonkwiler, J.S., and S. R. Swanson. 1999. The implications of variable or constant expansion rates in invasive weed infestations. *Weed Science* 47: 62-66.
- Smith, T.F.; D.M. Rizzo, and M. North. 2005. Patterns of mortality in an old-growth mixed-conifer forest of the southern Sierra Nevada, California. *Forest Science*. 51: 266-275.
- Smucker, K.M., R.L. Hutto, B.M. Steele. 2005. Changes in bird abundance after wildfire: importance of fire severity and time since fire. *Ecological applications* 15(5):1535-1549.
- Spencer, W. and H. Rustigian-Romsos. 2012. Decision-Support Maps and Recommendation for Conserving rare Carnivores in the interior mountains of California. Conservation Biology Institute. August 2012. <http://consbio.org/products/reports/decision-support-maps-and-recommendations-conserving-rare-carnivores-interior-mountains-california>
- Sohi, S., E. Lopez-Capel, E. Krull, et al. 2009. Biochar, Climate Change and Soil: A Review to Guide Future Research. CSIRO Land and Water Science Report (2009).
- Solomon, A.M. 2008. Forests and global climate change. *Compass* 10: 1-2.
- Springsteen, B., T. Christofk, S. Eubanks, et al. 2011. Emission Reductions from Woody Biomass Waste for Energy as an Alternative to Open Burning, *Journal of the Air and Waste Management Association*, Volume 61, 63-68, 2011.
- Stalmaster, M.V. and J.L. Kaiser. 1998. Effects of recreational activities on wintering bald eagles. *Wildlife Monographs* 137
- Stalmaster, M.V. and J.R. Newman. 1978. Behavioral Responses of Wintering Bald Eagles to Human Activity. *Journal of Wildlife Management*, 42 (3): 506-513.
- Stam, B.R., J.C. Malechek, D.L. Bartos, J. E. Bowns, E. B. Godfrey. 2008. Effect of conifer encroachment into aspen stands on understory biomass. *Rangeland Ecology and Management*. 61: 93-97.
- Stanley, T. R. and F. L. Knopf. 2002. Avian responses to late-season grazing in a shrub-willow floodplain. *Conservation Biology* 16:225-231.

- Stark, D. T., D. L. Wood, A. J. Storer, and S. L. Stephens. 2013. Prescribed fire and mechanical thinning effects on bark beetle caused tree mortality in a mid-elevation Sierran mixed-conifer forest. *Forest Ecology and Management* 306: 61-67.
- Stebbins, R.C. 1966. *A Field Guide to Western Reptiles and Amphibians*. Houghton Mifflin Company, Boston, Massachusetts.
- Stebbins, R.C. 1985. *A Field Guide to Western Reptiles and Amphibians*. Second edition. Houghton Mifflin Company, Boston, Massachusetts.
- Steger, G., L. Werner, and T. Munton. 2006. First documented record of the barred owl in the southern Sierra Nevada. *Western Birds* 37:106-109.
- Stephens, S.L. 2004. Fuel loads, snag abundance, and snag recruitment in an unmanaged Jeffrey pine-mixed conifer forest in northwestern Mexico. *Forest Ecology and Management* 199: 103-113.
- Stephens, S.L., D.L. Fry, and E/ Franco-Vizcaíno. 2008. Wildfire and spatial patterns in forests in northwestern Mexico: the United States wishes it had similar fire problems. *Ecol. Soc.* [serial online], 13(2): 10. Online at: www.ecologyandsociety.org/vol13/iss2/art10/
- Stephens, S.L., D.L. Fry, E. Franco-Vizcaíno, B.M. Collins, and J.M. Moghaddas. 2007. Coarse woody debris and canopy cover in an old-growth Jeffrey pine-mixed conifer forest from the Sierra San Pedro Martir, Mexico. *Forest Ecology and Management* 240: 87-95.
- Stephens, S. L. and P. Z. Fulé. 2005. Western pine forests with continuing frequent fire regimes: possible reference sites for management. *Journal of Forestry* Oct/Nov: 357-362.
- Stephens, S.L., and Gill, S.J. 2005. Forest structure and mortality in an old-growth Jeffrey pine-mixed conifer forest in north-western Mexico. *Forest Ecology and Management* 205: 15-28.
- Stephens, S.L., R.E. Martin, and N.E. Clinton. 2007. Prehistoric fire area and emissions from California's forests, woodlands, shrublands, and grasslands. *Forest Ecology and Management* 251: 205-216.
- Stephens, S.L., R.E. Martin, and N.E. Clinton. 2007. Prehistoric Fire Area and Emissions from California's Forests, Woodlands, Shrublands, and Grasslands, *Forest Ecology and Management*. 2007, 251, 205-216.
- Stephens, S.L., C.I. Millar, and B.M. Collins. 2010. Operational approaches to managing forests of the future in Mediterranean regions within a context of changing climates. *Environmental Research Letters* 5 (2010) 024003 doi:10.1088/1748-9326/5/2/024003.
- Stephens, S.L., J.J. Moghaddas. 2004. Fuel treatment effects on snags and coarse woody debris in a Sierra Nevada mixed conifer forest. *Forest Ecology and Management* Vol. 214: 53-64
- Stephens, S.L. and J.J. Moghaddas. 2005. Fuel treatment effects on snags and coarse woody debris in a Sierra Nevada mixed conifer forest. *Forest Ecology and Management*, 214: 53-64.
- Stephens, S.L., J.J. Moghaddas, C. Edminster, C.E. Fiedler, S. Hasse, M. Harrington, J.E. Keeley, E.E. Knapp, J.D. McIver, K. Melton, C.N. Skinner, and A. Youngblood. 2009. Fire treatment effects on vegetation structure, fuels, and potential fire severity in western U.S. forests. *Ecological Applications* 19(2), 305-320.
- Stephens, S. L., C.N. Skinner, and S.J. Gill. 2003. Dendrochronology-based fire history of Jeffrey pine-mixed conifer forests in the Sierra San Pedro Martir, Mexico. *Canadian Journal of Forestry* 33: 1090-1101.

- Stephenson, J., and G. Calcarone. 1999. Southern California mountains and foothills assessment: habitat and species conservation issues. Gen. Tech. Rep. GTR-PSW-175. US Forest Service, Pacific Southwest Research Station. Albany, CA. 402 pages.
- Stephenson, N.L., C. I. Millar, and D.N. Cole. 2010. Shifting environmental foundations: the unprecedented and unpredictable future. Pp. 50-66, in: D. N. Cole and L. Yung (eds). Beyond naturalness: rethinking park and wilderness stewardship in an era of rapid change. Island Press, Washington, DC.
- Stevens, D.L., Jr. and A. R. Olsen. 2004. Spatially Balanced Sampling of Natural Resources Journal of the American Statistical Association 99: 262-278.
- Stevens, R., E.D. McArthur, and J.N. Davis. 1992. Reevaluation of vegetative cover changes, erosion, and sedimentation on two watersheds--1912-1983. p. 123-128. In: W.P. Clary, E.D. McArthur, D. Bedunah, and C.L. Wambolt (compilers), Proceedings-Symposium on ecology and management of riparian shrub communities. USDA Forest Serv. Gen. Tech. Rep. INT-289.
- Stewart, I.T., D. R. Cayan, and M. D. Dettinger. 2005. Changes toward earlier stream flow timing across western North America. Journal of Climate 18: 1136-1155.
- Stoddart, L.A., and A. Smith. 1955. Range management, 2nd Ed, McGraw-Hill Book Co., NY, 433 pp.
- Stralberg, D., D. Jongsomjit, C. A. Howell, M. A. Snyder and J. D. Alexander. 2009. Re-shuffling of species with climate disruption: a no-analog future for California birds? PLoS ONE 4(9): e6825. doi:10.1371/journal.pone.0006825.
- Strong, D. H. 1984. Tahoe: An Environmental History. University of Nebraska Press, Lincoln. 1999. Tahoe: From Timber Barons to Ecologists. University of Nebraska Press, Lincoln.
- Stuart, S.N., J.S. Chanson, N.A. Cox, B.E. Young, A.S.L. Rodrigues, D.L. Fischman, R.W. Waller. 2004. Status and Trends of amphibian declines and extinctions worldwide. Science 306: 1783-1786.
- Stuber, R.J. 1985. Trout habitat, abundance, and fishing opportunities in fenced vs. unfenced riparian habitat along sheep creek, Colorado. p. 310-314. In: R.R. Johnson, C.D. Ziebell, D.R. Patton, and others (tech. coords.), Riparian ecosystems and their management: reconciling conflicting uses. USDA Forest Serv. Gen. Tech. Rep. RM-120.
- Sudder, B.C., L.C. Chasar, D.A. Wentz, et al. 2009. Mercury in fish, bed sediment, and water from streams across the United States, 1998-2005: U.S. Geological Survey Scientific Investigation Report 2009.
- Sugihara N. G., J. W. van Wagtenonk, K. E. Shaffer, J. Fites-Kaufman, and A. E. Thode (eds). 2006. Fire in California's ecosystems. University of California Press, Berkeley, CA.
- Sullivan, J., K. Bollinger, A. Caprio, M. Cantwell, et al. 2011. Enhanced sorption of PAHs in natural fire-impacted sediments from Oriole Lake (CA), Environ Sci Technol 2011, 45, 2626-2633.
- Swanson, 2006. Big Meadow Watershed Ecosystem Assessment Report. Prepared for the U.S. Forest Service - Lake Tahoe Basin Management Unit).
- Swanson Hydrology and Geomorphology. 2004. Upper Truckee River Upper Reach Environmental Assessment. Prepared for the Bureau of Reclamation, Tahoe Resource Conservation District, and the Regional Water Quality Control Board - Lahontan Region. March 23, 2004.

- Swanson Hydrology & Geomorphology. June 29, 2007. Ecological Assessment Report for High meadow Complex for United States Forest Service - Lake Tahoe Basin Management Unit.
- Swanson Hydrology & Geomorphology. June 2006. Meeks Creek Watershed Ecosystem Assessment Report for United States Forest Service - Lake Tahoe Basin Management Unit.
- Swanson et al. 2003. Blackwood Creek Stream Restoration Project Final Design Report. Prepared for the U.S. Forest Service - Lake Tahoe Basin Management Unit
- Swetnam, T. W., C. D. Allen, and J. L. Betancourt. 1999. Applied historical ecology: using the past to manage for the future. *Ecological Applications* 9: 1189-1206.
- Tahoe Regional Planning Agency (TRPA). 1987. Regional Plan for the Lake Tahoe Basin: Code of Ordinances, Rules of Procedures (Chapter 78 &79). Zephyr Cove, NV: Tahoe Regional Planning Agency. Tahoe Regional Planning Agency (TRPA). 1988. Water Quality Management Plan for the Lake Tahoe Region, Volume III. SEZ Protection and Restoration Program. Zephyr Cove, NV: Tahoe Regional Planning Agency.
- Tahoe Regional Planning Agency (TRPA). 1996. Regional Plan for the Lake Tahoe Basin: Threshold Evaluation. Zephyr Cove, NV: Tahoe Regional Planning Agency.
- Tahoe Regional Planning Agency (TRPA). 1998. Regional Plan for the Lake Tahoe Basin: Code of Ordinances. Section IX. Resource Management Provisions, Chapter 75: Sensitive and Uncommon Plant Protection and Fire Hazard Reduction. The TRPA Special Interest Species are indentified in the TRPA Code of Ordinances, Chapters 74 and 75 (TRPA 1987), and the TRPA Regional Plan for the Lake Tahoe Basin: Goals and Policies (TRPA 1986), and the TRPA Threshold Evaluation (TRPA 2002). Zephyr Cove, NV: Tahoe Regional Planning Agency.
- Tahoe Regional Planning Agency (TRPA). 2000. (unpubl.). A GIS habitat model developed by Shane Romsos.
- Tahoe Regional Planning Agency (TRPA). 2002. Regional Plan for the Lake Tahoe Basin: Threshold Evaluation. Zephyr Cove, NV: Tahoe Regional Planning Agency.
- Tahoe Regional Planning Agency (TRPA). 2004a. Chapter 12 Wildlife, Draft Lake Tahoe Shorezone Ordinance Amendments Draft Environmental Impact Statement (DEIS), July 2004. Zephyr Cove, NV: Tahoe Regional Planning Agency.
- Tahoe Regional Planning Agency (TRPA). 2004b. Tahoe Regional Planning Agency Code of Ordinances. Zephyr Cove, NV: Tahoe Regional Planning Agency.
- Tahoe Regional Planning Agency (TRPA). 2006. Threshold Evaluation Report. May 2006. Zephyr Cove, NV: Tahoe Regional Planning Agency.
- Tahoe Regional Planning Agency (TRPA). 2007a. 2006 Threshold Report. Chapter 5. Vegetation. Tahoe Regional Planning Agency and USDA Forest Service, Zephyr Cove, Nevada. Available at: <http://www.trpa.org/default.aspx?tabindex=1&tabid=174> Accessed 12/9/2011.
- Tahoe Regional Planning Agency (TRPA). 2007b. Fuel Reduction and Forest Restoration Plan for the Lake Tahoe Basin WUI . Tahoe Regional Planning Agency and USDA Forest Service, Zephyr Cove, Nevada.
- Tahoe Regional Planning Agency (TRPA). 2011a. Regional Plan Update. Draft Descriptions of Project Alternatives, Vegetation Subelements. Available at: http://www.trpa.org/documents/rp_update/Draft_PD/1.10.1_Vegetation.pdf

- Tahoe Regional Planning Agency (TRPA). 2011b. Chapter 8 Wildlife in Threshold Evaluation Report
- Tahoe Regional Planning Agency (TRPA). 2012. Code of Ordinances. Tahoe Regional Planning Agency and USDA Forest Service, Zephyr Cove, Nevada.
- Tahoe Regional Planning Agency (TRPA) and USDA Forest Service. 1971a. Fisheries of Lake Tahoe and its tributary waters: a guide for planning. Unpublished report. Tahoe Regional Planning Agency and USDA Forest Service, Zephyr Cove, Nevada.
- Takemoto, B., and T. Procter. 1996. Government Agencies' Need for Data on Ozone Injury to Western Pines. In Miller, P. et al. Gen. Tech. Rep. PSW-GTR-155. Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture; 79 p.
- Tausch, R. J., P. E. Wigand, and J. W. Burkhardt. 1993. Plant community thresholds, multiple steady states, and multiple successional pathways: legacy of the Quaternary? *Journal of Range Management* 46: 439-447.
- Taylor, A. H. 2000. Fire regimes and forest changes in mid and upper montane forests of the southern Cascades, Lassen Volcanic National Park, California, USA. *Journal of Biogeography* 27: 87-104
- Taylor, A. H. 2004. Identifying forest reference conditions on cut-over lands, Lake Tahoe Basin, USA. *Ecological Applications*. 14:1903-1920.
- Taylor, Alan H. 2006. Historic and Future Trends. Forest Changes In Lake Tahoe Basin. USDA Forest Service Gen. Tech. Rep. PSW-GTR-203.
- Taylor, A. H., and C. N. Skinner. 1998. Fire history and landscape dynamics in a late-successional reserve, Klamath Mountains, California, USA. *Forest Ecology and Management* 111: 285-301.
- Taylor, A. H., and M. N. Solem. 2001. Fire regimes and stand dynamics in an upper montane forest landscape in the southern Cascades, Caribou Wilderness, California. *Journal of the Torrey Botanical Society* 128: 350-361.
- Taylor, A.H. 2004. Identifying forest reference conditions on early cut-over lands, Lake Tahoe Basin, USA. *Ecological Applications* 14, 1903–1920.
- Taylor, A. R. and R. L. Knight. 2003. Wildlife responses to recreation and associated visitor perceptions. *Ecological Applications* 13(4): 951-963.
- Taylor, D.W. 1981. Freshwater mollusks of California: a distributional checklist. *California Fish and Game* 67:140-163.
- Taylor, A. H., A.M. Vandervlugt, R.S. Maxwell, R.M. Beaty, C. Airey, and C.N. Skinner. 2013. Changes in forest structure, fuels and potential fire behavior since 1873 in the Lake Tahoe Basin, USA. *Applied Vegetation Science*.
- Tempel, D.J. and R.J. Gutiérrez. 2013. Relation between occupancy and abundance for a territorial species, the California spotted owl. *Conservation Biology*. 27(5): 1087-1095.
- Thompson, C. M., W. L. Zielinski, K. L. Purcell. 2011. Evaluating management risks using landscape trajectory analysis: a case study of California fisher. *Journal of Wildlife Management* 75 (5): 1164-1176.
- Thurrow, R. F., and J. G. King. 1994. Attributes of Yellowstone cutthroat trout redds in a tributary of the Snake River, Idaho. *Transactions of the American Fisheries Society* 123 (1):37-50.

- Tiarks, A.E., and Haywood, J.D. 1996. Effects of site preparation and fertilization on growth of slash pine over two rotations. *Soil Sci. Soc. Am. J.* 60: 1654–1663.
- Tiehm, A. 1989. Status report for *Arabis rigidissima* var. *demota*. Carson City, NV. Nevada Natural Heritage Program. Available at: <http://heritage.nv.gov/atlas/arabirigididemot.pdf>
- Tingley, M. W., W. B. Monahan, S. R. Beissinger, C. Moritz. 2009. Birds track their Grinnellian niche through a century of climate change. *Proceedings of the National Academy of Sciences* 106: 19367-19643.
- Tommasi, D., A. Miro, H. A. Higo and M. L. Winston. 2004. Bee diversity and abundance in an urban setting. *The Canadian Entomologist* 136: 851–869.
- Trombulak, S.C., and C.A. Frissell. 2000. Review of ecological effects of roads on terrestrial and aquatic communities. *Conservation Biology* 14:18-30.
- Trumbore, S.E. and C.I. Czimczik. 2008. An uncertain future for soil carbon. *Science*. Vol 321, p 1455-56. www.sciencemag.org.
- Tu, Mandy, Callie Hurd, and John M. Randall. 2001. Weed control methods handbook: tools and techniques for use in natural areas. Wildland Invasive Species Program. The Nature Conservancy. <http://www.invasive.org/gist/handbook.html>.
- Unger, N., and L. Pan. 2012. New Directions. Enduring Ozone. *Atm. Environ.* 456-458.
- Ulery, A. L. and R. C. Graham. 1993. Forest fire effects on soil color and texture. *Soil Sci. Soc. Am.* 57:11 135-140 (1993).
- U.S. Council on Environmental Quality (CEQ). 1997. Environmental Justice: Guidance Under the National Environmental Policy Act. Council on Environmental Quality, Executive Office of the President. D.C.: Washington. December 10, 1997.
- U.S. Council on Environmental Quality (CEQ). 2010. February 18, 2010 Memorandum for Heads of Federal Departments and Agencies. From Nancy Sutley, Chair, CEQ. http://ceq.hss.doe.gov/nepa/regs/Consideration_of_Effects_of_GHG_Draft_NEPA_Guidance_FINAL_02182010.pdf
- U.S. Department of Agriculture (USDA). 2001. Equal Employment Opportunity and Affirmative Employment. Washington D.C: U.S. Department of Agriculture Office of Civil Rights. Pp. 14.
- USDA Natural Resources Conservation Service (NRCS). 2007. Soil survey of the Tahoe Basin Area, California and Nevada. Accessible online at: http://soils.usda.gov/survey/printed_surveys/.
- USDA Forest Service. 1973. National forest landscape management, Volume 1. USDA Forest Service, Agriculture Handbook 434. Washington, DC: USDA Forest Service.
- USDA Forest Service. 1982. ROS Users Guide. Washington, DC: U.S. Department of Agriculture, Forest Service; 37p.
- USDA Forest Service. 1995a. Landscape Aesthetics, A Handbook for Scenery Management. Agriculture Handbook No. 701. Washington, DC: USDA Forest Service.
- USDA Forest Service. 1995b. Forest Service Handbook 2080. National Forest Resource Management Noxious Weed Management, U.S.D.A. Forest Service Washington, D.C.

- USDA Forest Service. 1996. Biological Evaluation and Assessment and impact analysis check list. Updated January 1996 by John C. Robinson. USDA Forest Service, Pacific Southwest Region. Vallejo, CA. 16 pages.
- USDA Forest Service. 1998. Eight Eastside Rivers Wild and Scenic River Study Report and Final Environmental Impact Statement. Tahoe National Forest and Lake Tahoe Basin Management Unit. Pacific Southwest Region, July 1998.
- USDA Forest Service. 1999. Stemming the Invasive Tide: Forest Service Strategy for Noxious and Nonnative Invasive Plant Management. Washington D.C. 31 pp.
- USDA Forest Service 2000a. Water Quality Management for Forest System Lands in California: Best Management Practices. Pacific Southwest Region, September 2000.
- USDA Forest Service. 2000b. Region 5 Noxious Weed Strategy. Page 14 in P. S. R. (R5), editor., Vallejo, CA.
- USDA Forest Service. 2001a. Pacific Southwest Region: Noxious Weed Strategy and Plan;
<http://fsweb.r5.fs.fed.us/unit/nrm/range.htm>
- USDA Forest Service. 2001b. Sierra Nevada Forest Plan Amendment Final Environmental Impact Statement. Forest Service, Pacific Southwest Region. January 2001.
<http://www.fs.fed.us/r5/snfpa/library/archives/feis/index.htm>
- USDA Forest Service. 2001c. Sierra Nevada Forest Plan Amendment, Final Environmental Impact Statement. Chapter 3, Part 4. USDA Forest Service, Pacific Southwest Region, Vallejo, CA.
- USDA Forest Service. 2001d. The Built Environment Image Guide for the National Forests and Grasslands. Publication FS-710. Pub September 2001. Online. Washington D.C: USDA Forest Service. Available at: http://www.fs.fed.us/recreation/programs/beig/01_frontmatter.pdf
- USDA Forest Service. 2003. National ROS Inventory Mapping Protocol. Forest Service Internal Memo.
- USDA Forest Service. 2004a. Sierra Nevada Forest Plan Amendment Final Environmental Impact Statement. Forest Service, Pacific Southwest Region. 2004. <http://www.fs.fed.us/r5/snfpa/final-seis/>.
- USDA Forest Service. 2004b. Sierra Nevada Forest Plan Amendment, Final Supplemental Environmental Impact Statement, Record of Decision. USDA Forest Service, Pacific Southwest Region, Vallejo, CA.
- USDA Forest Service. 2004c. Managing Competing and Unwanted Vegetation: Methods Information Profile: Manual. U.S.D.A. Forest Service, Pacific Northwest Region.
<http://www.fs.fed.us/r6/nt/fid/pubsweb/94manual.pdf>)
- USDA Forest Service. 2004d. Accessibility Guidebook for Outfitters/Guides Operating on Public Lands. GS-757. Washington D.C: Accessibility Program, USDA Forest Service, Recreation Program, pp. 46.
- USDA Forest Service. 2004e. National Strategy and Implementation Plan for Invasive Species Management. FS-805. Washington D.C. 17 pp.
- USDA Forest Service. 2004f. Lake Tahoe Basin Management Unit Facility Master Plan. USDA Forest Service R-5. CA: Vallejo.
- USDA Forest Service. 2005a. Sierra Nevada forest plan accomplishment monitoring report for 2004. USDA Forest Service, Pacific Southwest Region R5-MR-026. 8pp.

- USDA Forest Service. 2005b. Conservation Guidelines for Seven Sensitive Fungi Species. Pacific Southwest Region.
- USDA Forest Service. 2006a. Sierra Nevada forest plan accomplishment monitoring report for 2005. USDA Forest Service, Pacific Southwest Region R5-MR-000. 12pp.
- USDA Forest Service. 2006b. Pacific Southwest Region, Regional Forester's Sensitive Species List, 2005 list (amended 2006). Vallejo, CA. USDA Forest Service, Pacific Southwest Region (Region 5).
- USDA Forest Service. 2007a. Sierra Nevada Forests Management Indicator Species Amendment FEIS. U.S. Forest Service, Pacific Southwest Region. R5-MB-159. December, 2007. 410pp.
<http://www.fs.fed.us/r5/snfmissa/feis/dat/feis-entire.pdf>
- USDA Forest Service. 2007b. Record of Decision, Sierra Nevada Forests Management Indicator Species Amendment. U.S. Forest Service, Pacific Southwest Region. December, 2007. 18pp.
<http://www.fs.fed.us/r5/snfmissa/rod/dat/rod-entire.pdf>
- USDA Forest Service. 2007b. Record of Decision, Sierra Nevada Forests Management Indicator Species Amendment. U.S. Forest Service, Pacific Southwest Region. December, 2007. 18pp.
<http://www.fs.fed.us/r5/snfmissa/rod/dat/rod-entire.pdf>
- USDA Forest Service. 2007c. Sierra Nevada forest plan accomplishment monitoring report for 2006. USDA Forest Service, Pacific Southwest Region R5-MR-149. 12pp.
- USDA Forest Service. 2008a. Sierra Nevada Forests Bioregional Management Indicator Species (MIS) Report: Life history and analysis of Management Indicator Species of the 10 Sierra Nevada National Forests: Eldorado, Inyo, Lassen, Modoc, Plumas, Sequoia, Sierra, Stanislaus, and Tahoe National Forests and the Lake Tahoe Basin Management Unit. Pacific Southwest Region, Vallejo, CA. January 2008.
http://www.fs.fed.us/r5/snfmissa/pdfs/2008_Sierra_Nevada_Forests_MIS_Report_January_2008.pdf
- USDA Forest Service. 2008b. Sierra Nevada Fire Severity Monitoring 1984-2004. USDA Forest Service Pacific Southwest Region R5-TP-027. September, 2008. 102pp.
- USDA Forest Service. 2008c. Updated sensitive species accounts. Lake Tahoe Basin Management Unit. South Lake Tahoe, CA.
- USDA Forest Service. 2008d. Updated sensitive species accounts. Lake Tahoe Basin Management Unit. South Lake Tahoe, CA.
- USDA Forest Service. 2008e. Forest Service strategic framework for responding to climate change, Version 1.0. (October 2008). USDA Forest Service, Washington, DC. Online at:
<http://www.fs.fed.us/climatechange/advisor/products.html>
- USDA Forest Service 2008f. Spectrum Overview. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Inventory and Monitoring Institute. 34 p.
- USDA Forest Service. 2009. Sierra Nevada forest plan accomplishment monitoring report for 2007. USDA Forest Service, Pacific Southwest Region. On-line version. <http://www.fs.fed.us/r5/snfpa/monitoringreport2007/>.
- USDA Forest Service. 2009a. Climate Change Resource Center. PNW-GTR 789. [On-line] Available at:
<http://www.fs.fed.us/ccrc/> (Accessed 12/21/2009).

- USDA Forest Service. 2009b. Region 5 Scenery Management System Implementation Process, May 20, 2009. Vallejo, CA: USDA Forest Service, Pacific Southwest Region.
- USDA Forest Service. 2009c. Climate Change Considerations in Project Level NEPA Analysis, U.S. Forest Service, Washington D.C., January 13, 2009 (www.fs.fed.us/emc/nepa/climate_change/.../cc_nepa_guidance.pdf).
- USDA Forest Service. 2010a. Sierra Nevada Forests Bioregional Management Indicator Species (MIS) Report: Life history and analysis of Management Indicator Species of the 10 Sierra Nevada National Forests: Eldorado, Inyo, Lassen, Modoc, Plumas, Sequoia, Sierra, Stanislaus, and Tahoe National Forests and the Lake Tahoe Basin Management Unit. Pacific Southwest Region, Vallejo, CA. December 2010. 132pp.
- USDA Forest Service. 2010b. Sierra Nevada forest plan accomplishment monitoring report for 2008. USDA Forest Service, Pacific Southwest Region. On-line version. <http://www.fs.fed.us/r5/snfpa/monitoringreport2008/>.
- USDA Forest Service. 2010c. Wildfire risk and hazard: procedures for the first approximation. RMRS-GTR-235.
- USDA Forest Service. 2010d. In Integrated Science Plan for the Lake Tahoe Basin: A Conceptual Framework and Research Strategies. PSW-GTR-226. 370 pp.
- USDA Forest Service 2010e. Forest Service Manual Chapter 2550 - Soil Management. Amendment No. 2500-2010-1. Effective 11/23/2010.
- USDA Forest Service 2010f. 2009 Best Management Practices Evaluation Program Report . USDA Forest Service Lake Tahoe Basin Management Unit, Ecosystem Conservation Department.
- USDA Forest Service 2010g. Best Management Practices Evaluation Program; Annual Report December, 2010. USDA Forest Service Lake Tahoe Basin Management Unit, Ecosystem Conservation Department.
- USDA Forest Service. 2010h. Environmental Assessment. Terrestrial Invasive Plant Species Treatment Project. USDA Forest Service Lake Tahoe Basin Management Unit.
- USDA Forest Service. 2010i. Terrestrial Invasive Plant Species Treatment Project, Finding of No Significant Impact. USDA Forest Service, Lake Tahoe Basin Management Unit, South Lake Tahoe.
- USDA Forest Service. 2011a. USDA Forest Service Water Quality Management Handbook for National Forest System Lands in California (revised). Vallejo, CA: Pacific Southwest Region.
- USDA Forest Service. 2011b. Forest Service Manual, Chapter 2900, Invasive Species Management. USDA Forest Service, National Headquarters (WO), Washington DC.
- USDA Forest Service. 2012. Visitor Use Report, Lake Tahoe Basin Mangement Unit, USDA Forest Service Region 5, National Visitor Use Monitoring, Data collected FY 2010, Last Updated May 23, 2012
- USDA Forest Service. 2013a. Letter from Regional Forester (R. Moore) to Forest Supervisors Regarding Update to the Regional Forester's Sensitive Species List, Dated 03 July 2013, File Code: 2670.
- USDA Forest Service. 2013b. Natural Resource Information System (NRIS), Taxa Dataset for LTBMU. <http://fsweb.nris.fs.fed.us/products/Wildlife/index.shtml>
- USDA Forest Service LTBMU. 1988. Land and Resource Management Plan for the Lake Tahoe Basin Management Unit. South Lake Tahoe, CA: USDA Forest Service LTBMU.

- USDA Forest Service LTBMU. 1994. Tallac Historic Site Master Plan, FEIS and Record of Decision (Published July 14, 1994). South Lake Tahoe, CA: USDA Forest Service, Lake Tahoe Basin Management Unit.
- USDA Forest Service, LTBMU. 2000. ATM and Roads Analysis Report. Lake Tahoe Basin Management Unit (unpublished).
- USDA Forest Service LTBMU. 2003. Cave Rock Management Direction Record of Decision and FEIS (Published Aug. 2003). South Lake Tahoe, CA: USDA Forest Service, Lake Tahoe Basin Management Unit.
- USDA Forest Service LTBMU. 2007a. Multi-Species Inventory and Monitoring: A Foundation for Comprehensive Biological Status and Trend Monitoring in the Lake Tahoe Basin. Final Report. Lake Tahoe Basin Management Unit. September 30, 2007. 116pp.
- USDA Forest Service LTBMU. 2007b. Lake Tahoe Basin Multi-Jurisdictional Fuel Reduction and Wildfire Prevention Strategy –10 Year Plan, September 20, 2007.
- USDA Forest Service LTBMU. 2008. Recreation Facilities Analysis, LTBMU 2008 (Unpub). For Niche Statement, p.35. On file at: LTBMU Supervisor’s Office.
- USDA Forest Service LTBMU 2009. Decision Notice and Finding of No Significant Impact for the Baldwin Grazing Allotment Management Project (Signed on 9/29/09.). USDA Forest Service, Lake Tahoe Basin Management Unit. CA: South Lake Tahoe.
- USDA Forest Service LTBMU. 2010. Lake Tahoe Basin Multi-Jurisdictional Fuel Reduction and Wildfire Prevention Strategy –10 Year Plan, September 20, 2007 (Unpub). On file at: LTBMU Supervisor’s Office.
- USDA Forest Service LTBMU. 2011. Lake Tahoe Basin Management Unit, Scenery Management System Inventory, 2011 (Unpub). On file at: LTBMU Supervisor’s Office.
- USDA Forest Service, LTBMU et al. 2001. USDA Forest Service, Pacific Southwest Region, California State Historic Preservation Officer and Advisory Council on Historic Preservation. First Amended Regional Programmatic Agreement Among the U.S.D.A. Forest Service, Pacific Southwest Region California State Historic Preservation Officer, and Advisory Council on Historic Preservation Regarding The Process for Compliance With Section 106 of The National Historic Preservation Act for Undertakings on The National Forests of The Pacific Southwest Region.
- USDA Forest Service NRM/ Natural Resource Information System (NRIS). 2008. Threatened, Endangered, & Sensitive Plants - Invasive Species User Guide. [Online:] USDA Forest Service NRIS, October 27, 2008 Revised January, 2012] . Available at: <http://fswb.nris.fs.fed.us/>.
- USDA Forest Service Pacific Southwest Region (R5). 2000. Noxious weed management strategy. Vallejo, CA: USDA Forest Service Pacific Southwest Region. 12 pp.
- USDA Forest Service Pacific Southwest Region (R5). 2013. Update the Region 5 Regional Forester’s Sensitive Species List, Letter from Regional Forester to Region 5 Forest Supervisors on July 3, 2013.
- USDA Forest Service Pacific Southwest Research Station (PSW). 2009. Effects of Fuels Management in the Tahoe Basin: A Scientific Literature Review. Davis, CA: USDA Forest Service, Pacific Southwest Research Station and the Tahoe Science Consortium. [Online:] Pacific Southwest Research Station and the Tahoe Science Consortium. Available at:

- http://www.fs.fed.us/psw/partnerships/tahoescience/documents/Effect_of_Fuels_Management_Final_12_09.pdf. Accessed 7/8/2011.
- USDA Forest Service Tahoe National NF. 1999. Eight East-Side Rivers Wild and Scenic River Study Report, Record of Decision and FEIS (Published Feb. 1999). USDA Forest Service, Tahoe NF and LTBMU.
- United States Department of Agriculture (USDA) and United States Department of Interior (USDI). 1995. Federal Wildland Fire Management: Policy and Program Review: Final Report. Washington, D.C.
- United States Department of Agriculture (USDA) and United States Department of Interior (USDI). 2001. National Fire Plan: Managing the Impact of Wildfires on the Communities and the Environment. Washington, D.C.
- USDI Fish and Wildlife Service (USFWS). 1984. American Peregrine falcon recovery plan (Rocky Mountain southwest populations) prepared by the Rocky Mountain/Southwestern Peregrine Falcon recovery team: U.S. Department of the Interior Fish and Wildlife Service, 140pp
- USDI Fish and Wildlife Service (USFWS). 1986. Recovery Plan for the Pacific Bald Eagle. Portland, OR: U.S. Department of the Interior Fish and Wildlife Service. 160 pp.
- USDI Fish and Wildlife Service (USFWS). 2006. Endangered and Threatened Wildlife and Plants; 12-month Finding for a Petition to List the California Spotted Owl (*Strix occidentalis occidentalis*) as Threatened or Endangered. U.S. Department of the Interior Fish and Wildlife Service, 50 CFR Part 17. Federal Register: May 24, 2006, Volume 71, Number 100, pages 29886-29908.
- USDI Fish and Wildlife Service (USFWS). 2009. Managing Invasive Plants. [Online] Available at: <http://www.fws.gov/invasives/staffTrainingModule/methods/biological/practice.html#part1> (Accessed 12/30/2009).
- US Fish and Wildlife Service (USFWS). 2011. Federal Endangered and Threatened Species that Occur in or May Be Threatened by Project in the Lake Tahoe Basin Management Unit. US Fish and Wildlife Service, Sacramento Fish and Wildlife Office, Sacramento, CA.
- U.S. Fish and Wildlife Service (USFWS). 2013. 50 CFR Part 17. Endangered and Threatened Wildlife and Plants; Threatened Status for the Distinct Population Segment of the North American Wolverine Occurring in the Contiguous United States, Federal Register. Vol. 78, No. 23, Monday, February 4, 2013.
- USDI National Park Service (NPS). 2011. Scientific Assessment of Yellowstone National Park Winter US March 2011. Prepared in support of the Yellowstone National Park Winter Use Plan/ Environmental Impact statement.
- U.S. Environmental Protection Agency (EPA). 2000. Subalpine Marsh Plant Communities as Early Indicators of Ecosystem Stress. http://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/display.abstractDetail/abstract/5993/report/F
- US Environmental Protection Agency (EPA). 2009. Part III, Environmental Protection Agency, 40 CFR Chapter 1, Proposed Endangerment and Cause or Contribute Findings for Greenhouse Gases Under Section 202(a) of the Clean Air Act; Proposed Rule. Federal Register Vol. 74, No. 78, Friday, April 24, 2009/Proposed Rules. www.epa.gov/climatechange/.../EPA-HQ-OAR-2009-0171-0001.pdf
- U.S. Environmental Protection Agency (EPA). 2011. National Forest System Invasive Species Management Policy. Federal Register 76 (December 5, 2011), pp. 75860-75866.

- US Environmental Protection Agency (EPA). 2012. 2012 Draft Inventory of US Greenhouse Gas Emissions and Sinks: 1990 – 2009, April 15, 2011, US Environmental Protection Agency, Washington D.C. (<http://epa.gov/climatechange/emissions/usinventoryreport.html>)
- U.S. Environmental Protection Agency, Office of Transportation and Air Quality (OTAQ). 2002a. Frequently asked questions: Environmental impacts of newly regulated nonroad engines (EPA420-F-02-033). Retrieved from website: <http://www.epa.gov/nonroad/2002/f02033.pdf>
- U.S. Environmental Protection Agency, Office of Transportation and Air Quality (OTAQ). 2002b. Regulatory announcement: Emissions standards for new nonroad engines (EPA420-F-02-037). Retrieved from website: <http://www.epa.gov/nonroad/2002/f02037.pdf>
- USDI Fish and Wildlife Service. 2011. Database of special-status species for the Lake Tahoe Basin Management Unit. Updated September 18, 2011, accessed on November 4, 2011 at http://www.fws.gov/sacramento/y_old_site/es/spp_lists/NFForm.Page.htm.
- U.S. Geological Survey (USGS). 2007. Ground-Water Resources Inventory of the Lake Tahoe Basin, 2007. US Geological Survey, Carson City, Nevada
- U.S. Green Building Council (USGBC). 2002. LEED™ Rating System Version 2.1 (Leadership in Energy and Environmental Design: Green Building Rating System (November 2001, Revised 1/16/03)). Washington, D.C: U.S. Green Building Council.
- van Mantgem, P.J., N.L. Stephenson, J.C. Byrne, et al. 2009. Widespread Increase of Tree Mortality Rates in the Western United States. *Science* 23 January 2009 323:521-523.
- Veloz, S., Anacker, B., and Safford, H. 2010. Predictive Modeling of Cheatgrass Invasion Risk for the Lake Tahoe Basin. March 15, 2010. Dept. Env. Sci. & Policy UC Davis and USDA USFS PSW Region. Available online at: <http://fsweb.r5.fs.fed.us/program/ecology/presentations/>
- Verner, J., K.S. McKelvey, B.R. Noon, R.J. Gutiérrez, G.I. Gould, Jr., and T.W. Beck., tech. coord. 1992. The California Spotted Owl: a technical assessment of its current status. Gen. Tech. Rep. PSW-GTR-133, US Forest Service, Albany, CA. http://www.fs.fed.us/psw/rsi/projects/wild/gtr_133/gtr133_index.html
- Verner, J., and K. L. Purcell. (Yr Unk) Subalpine conifer. California Wildlife Habitat Relationship System. California Department of Fish and Game. <http://www.dfg.ca.gov/biogeodata/cwhr/pdfs/SCN.pdf>
- Vredenburg, V. T. 2004. Reversing introduced species effects: Experimental removal of introduced fish leads to rapid recovery of a declining frog. *Proceedings of the National Academy of Sciences, USA* 101:7646-7650.
- Vredenburg, V. T., R. A. Knapp, T. S. Tunstall, et al. 2010. Dynamics of an emerging disease drive large-scale amphibian population extinctions. *Proceedings of the National Academy of Sciences, USA* 107:9689-9694.
- Vredenburg, V. T., G. M. Fellers, and C. Davidson. 2005. The mountain yellow-legged frog (*Rana muscosa*). Pages 563-566 in Lannoo, M. J. (ed). *Amphibian declines: the conservation status of United States species*. University of California Press, Berkeley, California, USA.
- Waddell, K.L. 2002. Sampling coarse woody debris for multiple attributes in extensive resource inventories. *Ecological Indicators* 1: 139-153.
- Warner, P.J., C.C. Bossard, M.L. Brooks, et al. 2003. Criteria for Categorizing Invasive Non-Native Plants That Threaten Wildlands. Available online at www.caleppc.org and www.swvma.org. California Exotic Pest Council and Southwest Vegetation Management Association. 24 pp.

- Warner, RE, and KM Hendrix (eds). 1984. California Riparian Systems: Ecology, Conservation, and Productive Management. 1035pp.
- Warren Jr, M. & Pardew, M. 1998. Road crossings as barriers to small-stream fish movement. Transactions of the American Fisheries Society. 127:637-644.
- Washoe Cultural Office. 2004. Lake of the Sky: Washoe Stewardship of Lake Tahoe. The Washoe Tribe of Nevada and California. NV: Gardnerville.
http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5354995.pdf
- Way, C. M., D. J. Hornbach, C. A. Millerway, et al. 1990. Dynamics of filter feeding in *Corbicula fluminea* (Bivalvia, Corbiculidae). Canadian Journal of Zoology-Revue Canadienne De Zoologie 68:115-120.
- Weaver, J. C. 1995. Indicator species and scale of observation. Conservation Biology 9: 939-942.
- Weaver, T.M.; Fraley, J.J. 1993. A method to measure emergence success of westslope cutthroat trout fry from varying substrate compositions in a natural system channel. North American Journal of Fisheries Management. 13: 817-822.
- Weixelman, D. and D. Atwood. 1990. Toiyabe National Forest Sensitive Plant Field Guide. Forest Service Intermountain Region. UT: Ogden.
- Weller, T. 2005. Species account for the fringed myotis (2005 update on the 1998 account by P. Bradley and M. Potts). Western Bat Working Group.
- Weller, T. and C. J. Zabel. 2001. Characteristics of fringed myotis day roosts in northern California, Journal of Wildlife Management, 65(3): 489-497.
- Wells, F.H., W.K. Lauenroth, and J.B. Bradford. 2012. Recreational Trails as Corridors for Alien Plants in the Rocky Mountains, USA. Western North American Naturalist 72:507-533.
- Wenger, S.J., D.J. Isaac, C.H. Luce, et al. 2011. PNAS. www.pnas.org/cgi/doi/10.1073/pnas.1103097108.
- West, W. 2012. Certified Weed Free Forage and Straw Available in California. University of California, Agriculture and Natural Resources, Davis, CA.
- Westerling, A.L. and B. P. Bryant. 2008. Climate change and wildfire in California. Climatic Change 87 (Suppl 1): S231-S249.
- Westerling, A. L., H. Hidalgo, D. R. Cayan, et al. 2006. Warming and earlier spring increases western US forest wildlife activity. Science. 313:940-943.
- White, S. M., and F. J. Rahel. 2008. Complementation of habitats for Bonneville cutthroat trout in watersheds influenced by beavers, livestock, and drought. Transactions of the American Fisheries Society 137:881-894.
- Whitlock, C., Shafer, S.L., Marlon, J. 2003. The role of climate and vegetation change in shaping past and future fire regimes in the northwestern US and the implication for ecosystem management. Forest Ecology and Management 178: 5-21.
- Wiedinmyer, C., and J. Neff, 2007. Estimates of CO2 from Fires in the United States: Implications for Carbon Management. National Center for Atmospheric Research, Boulder, CO, 2008.

- Wilbert, C. J. 1992. Spatial scale and seasonality of habitat selection by martens in southeastern Wyoming. M. S. Thesis, University of Wyoming, Laramie.
- Wiener, J.B. 2006. Think globally, act globally: the limits of local climate change policies. *University of Pennsylvania Law Review* 155: 101-119.
- Wiens, J. A., G. Hayward, H. D. Safford, and C. Giffen (eds). 2012 (In press). Historical environmental variation in conservation and natural resource management: Past, present and future. John Wiley and Sons, New York, NY.
- Wilcove, D.S., D. Rothstein, J. Dubow, A. Phillips, and E. Losos. 1998. Quantifying threats to imperiled species in the United States. *Bioscience* 48:607-615.
- Wildland Fire Decision Support System (WFDSS). 2013. USDA Forest Service. CO: Lakewood.
http://wfdss.usgs.gov/wfdss_help/index.htm?page=WFDSSHelp_Non-LANDFIRE_CAv082710.html
- Williams, P. J., R. J. Gutiérrez, and S. A. Whitmore. 2011. Home range and habitat selection of spotted owls in the central Sierra Nevada. *Journal of Wildlife Management*, 75 (2): 333-343.
- Williamson, J.R., and W.A. Neilsen. 2000. The influence of forest site on rate and extent of soil compaction and profile disturbance of skid trails during ground-based harvesting. *Can. J. For. Res.* 30: 1196–1205.
- Willis, K. J., and H. J. B. Birks. 2006. What is natural? The need for a long-term perspective in biodiversity conservation. *Science* 314: 1261-1265.
- Wittmann, M., J. Reuter, G. Schladow, et al. 2008. Asian clam (*Corbicula fluminea*) of Lake Tahoe: Preliminary scientific findings in support of a management plan.
- Woodhams, D.C., R.A. Alford, C.J. Briggs, M. Johnson, L.A. Rollins-Smith. 2008. Life-history trade-offs influence disease in changing climates: strategies of an amphibian pathogen. *Ecology* 89: 1627–1639.
- Woodhams, D.C., K. Ardipradja, R.A. Alford, G. Marantelli, L.K. Reinert, L.A. Rollins-Smith. 2007a. Resistance to chytridiomycosis varies among amphibian species and is correlated with skin peptide defenses. *Anim Conserv* 10: 409–417.
- Woodhams, D.C., V.T. Vredenburg, M.A. Simon, D. Billheimer, B. Shakhtour, Y Shyr, et al. 2007b. Symbiotic bacteria contribute to innate immune defenses of the threatened mountain yellow-legged frog, *Rana muscosa*. *Biol Conserv* 138: 390–398
- Yan, N.D., B.K. Leun, W. Keller, et al. 2003. Developing conceptual frameworks for the recovery of aquatic biota from acidification. *AMBIO: A Journal of the Human Environment* 32(3): 165-169 2003 doi:
<http://dx.doi.org/10.1579/0044-7447-32.3.165>.
- Young, J.A., D.E. Palmquist, R.S. Blank, et al. 1995. Ecology and control of perennial pepperweed (*Lepidium latifolium* L.). California Exotic Pest Plant Council Symposium. 1995. Available at:
<http://www.caleppc.org/symposia/95symposium/young2.html>
- Young, M.K., W.A. Hubert, T.A. Wesche. 1991. Selection of measures of substrate composition to estimate survival to emergence of salmonids and to detect changes in stream substrates. *North American Journal of Fisheries Management*. 11: 339-346.
- Ziebell, C.D, D.R. Patton, and others (tech. coords), Riparian ecosystems and their management: reconciling conflicting uses. USDA Forest Serv. Gen. Tech. Rep. RM-120.

- Zielinski, W.J. T.E. Kucera, and R.H. Barrett. 1995. The current distribution of the fisher, *Martes pennanti*, in California. *California Fish and Game* 81:104–112.
- Zielinski, W. J., K. M. Slauson, A. E. Bowles. 2008. The Effects of Off-Highway Vehicle Use on the American marten in California, USA. Final Report to the USDA Forest Service, Pacific Southwest Region, and California Department of Parks and Recreation, Off-Highway Motor Vehicle Recreation Division, USDA Forest Service, Pacific Southwest Research Station, Redwood Sciences Laboratory, Arcata, California
- Zielinski, W. J. 2013. (In Press) The Forest Carnivores: Fisher and Marten, Chapter 7.1
In: Science Synthesis to Support Land and Resource Management Plan Revision in the Sierra Nevada and Southern Cascades (January 2013). Pacific Southwest Research Station.
- Zielinski, W.J., R.L. Truex, F.V. Schlexer, et al. 2005. Historical and contemporary distributions of carnivores in forests of the Sierra Nevada, California, USA. *Journal of Biogeography* 32:1385-1407.
- Zimmerman, G.T., and R.D. Laven. 1987. Effects of Forest Fuel Smoke on Dwarf Mistletoe Seed Germination. October 1987 *Great Basin Naturalist* Vol. 47, No. 4.
- Zouhar, K., J. Smith, S. Sutherland, and M. Brooks. 2008. Wildland Fire in Ecosystems; Fire and Nonnative Invasive Plants. Gen. Tech. Rep. RMRS-GTR-42-vol. 6., U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Ogden UT.