

APPENDIX C – REFERENCES

- Adams, Peter L. 1996. LMP V* Monitoring Report, Miami Creek. Open File Report. Sierra National Forest. March 4, 1996. 30p (including Appendices).
- Allen, A.W. 1982. Habitat suitability index models: marten. U.S. Fish and Wildlife Service, FWS/OBS-82/10.11. 9pp.
- _____. 1987. The relationship between habitat and furbearers. Pages 164-179 in Wild furbearer management and conservation in North America. Novak, M., Baker, M.E. Obbard and B. Malloch, eds. Ontario Ministry of Natural Resources, Canada. 1150 pp.
- Alvarez, J.A. Alvarez, 2004. *Rana aurora draytonii microhabitat* (California red-legged frog). Herpetological Review 35(2), pp. 162-163.
- _____. and J.A., C. Dunn, and A.F. Zuur. 2003. Response of California red-legged frogs to removal of non-native fish. 2002-2003 Transactions of the Western section of the Wildlife Society 38/39:9-12. pp. 9-12.
- _____. 2005. Unanticipated predation of California red-legged frog at constructed Wetlands (California). Ecological Restoration 23:1 March 2005. pp. 66-67
- American Association of State Highway and Transportation Officials, 1996. *Roadside Design Guide*. Washington DC.
- Andren, H. 1994. Effects of habitat fragmentation on birds and mammals in landscapes with different proportions of suitable habitat: a review. *Oikos* 71:355-366.
- Armour, C, D. Duff, and W. Elmore. 1994. The effects of livestock grazing on western riparian and stream ecosystem. *Fisheries*, Vol. 199, No.9 pp. 9-12.
- Ashley, P.E., and Robinson J.T. 1996. Road mortality of amphibians, reptiles, and other wildlife on the Long Point Causeway, Lake Erie, Ontario. *Canadian Field-Naturalist*. 110(3): 403-412.
- Aubry, K.B. and D.B. Houston. 1992. Distribution and status of the fisher (*Martes pennanti*) in Washington. *Northwestern Naturalist* 73:379-85.
- _____. and Kevin S. McKelvey, Jeffrey P. Copeland. 2007. Distribution and broadscale habitat relations of the wolverine in the contiguous United States. *Journal of Wildlife Management* 71(7): 2147-2158.
- Baker, Kenneth S. (2001). *Traffic Collision Investigation*. Evanston, Illinois: Northwestern University Traffic Institute.
- Ballard, Keith. 2006. Sierra National Forest Bass Lake Ranger District Timber Management Officer personal Communications with Joanna Clines, Sierra National Forest. September 28, 2006.
- Ballard, Carolyn. 2009. Sierra National Forest Bass Lake Ranger District Timber Management Officer Communications with Kim Sorini-Wilson, High Sierra Ranger District Wildlife Biologist, Sierra National Forest.
- Bangsund, D.A., Leistriz, F.L., and J.A. Leitch. 1999. Assessing economic impacts of biological control of weeds: The case of leafy spurge in the northern Great Plains of the United States. *Journal of Environmental Management*, 56: 35-43.

- Barnes, S., and P. Strand. 2009. Aquatic biological assessment/evaluation for the Sierra National Forest travel management plan.
- Bazlen, Fred. 1978. Miami Creek stream survey. Open File Report. Sierra National Forest, Bass Lake Ranger District, North Fork, CA. 10p.
- Beck, T.W., and J. Winter. 2000. Survey protocol for the great gray owl in the Sierra Nevada of California. USDA Forest Service, Pacific Southwest Region. Vallejo, CA. May 2000
- Behnke, R.J. 1992. Native trout of western North America, American Fisheries Society Monograph 6. American Fisheries Society, Bethesda, Maryland. 275 pp
- Beier, P. and Drennan J.E. 1997. Forest structure and prey abundance in foraging areas of northern goshawks. *Ecological Applications*. 7(2): 564-571.
- Belsky, A.J., A. Matzke, and S. Uselman. 1999. Survey of livestock influences on stream and riparian ecosystems in the western United States. *Journal of Soil and Watershed Conservation*, Vol. 54, pp. 419-431
- Best, D.W., H.M. Kelsey, D.K. Hagans, and M. Alpert. 1995. Role of fluvial hillslope erosion and road construction in the sediment budget of Garrett Creek, Humboldt County, CA. In: K.M. Nolan, H.M. Kelsey, and D.C. Marron, eds. *Geomorphic processes and aquatic habitat in the Redwood Creek Basin, Northwestern California*. US Geological Survey Professional Paper 1454-M. 9pp.
- Bisonette, J.A., D.J. Harrison, C.D. Hargis, T.G. Chapin. 1997. The influence of spatial scale and scale-sensitive properties on habitat selection by American marten. Pages 368-385 in J.A. Bissonette, editor. *Wildlife and landscape ecology: effects of pattern and scale*. Springer-Verlag, New York, N.Y.
- _____. and R.J. Frederickson, and B.J. Tucker. 1988. The effects of forest harvesting on marten and small mammals in western Newfoundland. Final Report, for the Newfoundland and Labrador Wildlife Division and Corner Brook Pulp and Paper, Ltd. (Kruger). Logan, UT: Utah Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, college of Natural Resource, Utah State University. 109 pp.
- Bisson, P.A., B.E. Rieman, C. Luce, P.F. Hessburg, D.C. Lee, J.L. Kershner, G.H. Reeves, and R.E. Greswell. 2003. Fire in aquatic ecosystems of the western USA: current knowledge and key questions. *Forest Ecology and Management*, Volume 178, Issues 1-2 213-229.
- Blackburn, J., and M. Byrd Davis. 1994. *Off-road vehicles: fun and/or folly*. Livingston, Kentucky. ASPI Publications. 56pp.
- Blakesley, J.A. 2003. Ecology of the California spotted owl: breeding dispersal and associations with forest stand characteristics in northeastern California. Ph.D. dissertation, Colorado State University, Ft. Collins, p. 60.
- Bland, J.D. 2006. Features of the Forest Canopy at Sierra Sooty Grouse Courtship Sites, Summer 2006. CDFG Contract No. S0680003.
- Bobzien, S., and J.E. DiDonato. 2007. The status of the California tiger salamander (*Ambystoma californiense*), California red-legged frog (*Rana draytonii*), Foothill Yellow-Legged Frog (*Rana boylei*), and other aquatic herpetofauna in the East Bay Regional Park District, California. East Bay Regional Park District 2007.
- Bolster, Betsy C. 1998. Western Red Bat *Lasiurus Blossevillii*. September 10.
- Bossard, C. 1991. Establishment and dispersal of *Cystius scoparius* (Scotch broom) in California Sierra Nevada foothill and northern coastal habitats. In: *Proceedings of the International*

- Symposium on Exotic Pest Plants, Miami, Florida, Nov. 3-6, 1988. University of Miami Press, Miami, Fl.
- _____. 2000. *Cytisus scoparius*. pp. 145-150 in Bossard, C., J. Randall, and M. Hochovsky. (eds). *Invasive Plants of California's Wildlands*. University of California Press, Berkeley, CA
- Botti, Stephen. J. 2001. *An illustrated flora of Yosemite National Park*. Yosemite Association, El Portal, CA.
- Bowles, Ann E. 1995. Responses of Wildlife to Noise *in* Knight, R.L.; Gutzwiller, K.J. *Wildlife and Recreationists: Coexistence through Management and Research*. Washington D.C.: Island Press; 372 p.
- Bowling, L.C., and D.P. Lettenmaier. 1997. Evaluation of the effects of forest roads on streamflow in Hard and Ware Creeks, Washington. Water Resources Series Technical Report No. 155, October 2002. Univ. of Washington, Dept. of Civil and Environmental Engineering. Seattle, WA, 98195. 189p.
- Bozek, M. A. and Young, M.K. 1994. Fish mortality resulting from delayed effects from fire in the Greater Yellowstone Ecosystem. *Great Basin Nat.* 54: pp91-95.
- Bradford, D. 1991. Mass mortality and extinction in a high elevation population of *Rana muscosa*. *Journal of Herpetology* 25(2):174-177.
- Brattstrom, B.H., and M.C. Bondello. 1983. Effects of off-road vehicle noise on desert vertebrates. Pp-167-204. In: *Environmental Effects of Off-Road Vehicles*. R.H. Webb and H.G. Wilshire (eds.) Springer-Verlag: New York.
- Brocke, R. H., J.P. O'Pezio, and K.A. Gustafson. 1988. A forest management scheme mitigating impact of road networks on sensitive wildlife species.
- Brody, A.J. and M.R. Pelton. 1989. Effects of roads on Black bear movements in western North Carolina. *Wild. Soc. Bull.* 17, 5-10.
- Brown, J.K. 1989. Effects of fire on streams. In: Richardson, F.; Hamre, R.H., eds. *Wild trout IV: Proceedings of the symposium*. Washington, DC: U.S. Government Printing Office: 106-110.
- Buck, S.G., Mullis, C., Mossman, A.S., Show, I., and C. Collahan. 1994. Habitat use by fishers in adjoining heavily and lightly harvested forest. Pages 368-376 in Buskirk, S.W., Harestad, A.S., Raphael, M.G., and R.A. Powell (editors) *Martens, sables and fishers: biology and conservation*. Cornell University Press, Ithaca, New York.
- Bulger, J. B., N. J. Scott, Jr., and R. B. Seymour. 2003. Terrestrial activity and conservation of adult California redlegged frogs *Rana aurora draytonii* in coastal forests and grasslands. *Biological Conservation* 110:85-95.
- Bury, R.B., R.A. Luckenbach, and S.D. Busack. 1977. Effects of off-road vehicles on vertebrates in the California desert. United States Department of the Interior, Fish and Wildlife Service, Wildlife Research Report 8, Washington, D.C.
- _____. 2002. Comparison of Desert-tortoise populations in an unused and off-road vehicle area in the Mojave Desert. *Chelonian Conservation and Biology*, 2002, 4(2):457-463.
- Buskirk, S.W. 1994. Introduction to the genus *Martes*. Pages 1-10 In S.W. Buskirk, A.S. Harestad, M.G. Raphael, and R.A. Powell, editors. *Martens, sables, and fishers: biology and conservation*. Cornell University Press, Ithaca, New York. 484 pp.

- Buskirk, S.W., and R.A. Powell. 1994. Habitat ecology of fishers and American martens. Pp. 283-296 in Marten, sables, and fishers: biology and conservation (S.W. Buskirk, A.S. Harestad, M.G. Raphael, and R.A. Powell, eds.). Cornell University Press, Ithaca, New York.
- Busnel, R.G. and J.K. Fletcher (eds.). 1978. Effects of noise on wildlife. New York: Academic Press.
- Bytnerowicz, A., and Fenn, M. 1996. Nitrogen deposition in California forests: a review. Environ. Pollut. 92, 127-146.
- Bytnerowicz, A., Tausz, M., Alonso, R., Jones, D., Johnson, R., & Grulke N. 2002. Summer-time distribution of air pollutants in Sequoia National Park, California. Environmental Pollution, 188, 187-203.
- Cain, J.W. 2001. Nest success of yellow warblers (*Dendroica petechia*) and willow flycatchers (*Empidonax traillii*) in relation to predator activity in montane meadows of the central Sierra Nevada, California. Thesis, California State University, Sacramento, California, USA. In: Predator Activity and Nest Success of Willow Flycatchers and Yellow Warblers, James W. Cain III, Michael L. Morrison and Helen L. Bombay, The Journal of Wildlife Management, Vol. 67, No. 3 (Jul., 2003), pp. 600-610.
- California Air Resources Board [CARB]. 2006. Off-road Recreation Vehicle Background. Web site: <http://www.arb.ca.gov/msprog/offroad/orrec/background.htm> Accessed March 12, 2009.
- _____. 2007. The Federal Clean Air Act. Web site: <http://www.arb.ca.gov/fcaa/fcaa.htm>. Accessed March 12, 2009.
- _____. 2007a. Glossary of Air Pollution Terms. Web site: <http://www.arb.ca.gov/html/gloss.htm> Accessed March 12, 2009.
- _____. 2008. California Air Quality Standards. <http://www.arb.ca.gov/research/aaqs/aaqs2.pdf> Accessed online 2/04/2009.
- California Department of Conser, Office of Mine Reclamation, Abandoned, 20010605, Topographically Occurring Mine Symbols (TOMS) -- Points: Topographically Occurring Mine Symbols (TOMS) Points. http://www.consrv.ca.gov/OMR/abandoned_mine_land/toms/index.htm Accessed January 7, 2009.
- _____. Polys: Topographically Occurring Mine Symbols (TOMS) Polys. http://www.consrv.ca.gov/OMR/abandoned_mine_land/toms/index.htm. Accessed January 7, 2009.
- California Department of Finance. 2005. Race/Ethnic Population Estimates: Components of Change for California Counties, April 1990 to April 2000, Sacramento, CA. August 2005.
- _____. 2007. Population Projections for California and its Counties 2000-2050. Sacramento, California, July 2007
- California Department of Fish and Game (CDFG). 1984. North Kings Deer Herd Study
- _____. 1998. An Assessment of Mule and Black-tailed Deer Habitats and Populations in California. Report to the Fish and Game Commission. February 1998. 57pp.
- _____. 2003. Deer Hunting Draft Environmental Document, February 3, 2003. State of California, The Resources Agency, Department of Fish and Game. 269pp + appendices

- _____. 2004. California Interagency Wildlife task Group. CWHR version 8.0 personal computer program. Sacramento CA.
- _____. 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).
- _____. 2008. RAREFIND database. Electronic database managed by the Natural Diversity Data Base, Natural Heritage Division, California Department of Fish and Game. Sacramento, CA.
- California Department of Food and Agriculture (CDFA). 2009. Encycloweedia.
http://www.cdfa.ca.gov/phpps/ipc/weedinfo/wininfo_list-pestrating. Accessed on July, 2009.
- California Department of Forestry and Fire Protection (CDF). 2005. California Forest Practice Rules 2005. www.fire.ca.gov Accessed on 7/28/2006
- California Invasive Plant Council (CAL-IPC). 2009. Invasive Plant Inventory. <http://www.cal-ipc.org/ip/inventory/index.php#definitions>. Accessed July, 2009.
- California Native Plant Society (CNPS). 2009. On-line version of the CNPS Inventory of Rare and Endangered Plants of California. www.cnps.org/inventory (accessed July, 2009)
- California Natural Diversity Database (CNDDDB). 2007. Information from US Forest Service copy of Rarefind. More information about CNDDDB at:
<http://www.dfg.ca.gov/whdab/html/plants.html>. (Accessed 12/16/2008).
- _____. 2008. Summary of sites occupied by California red-legged frog from California Natural Diversity Database (Accessed 10/27/2008).
- Carr, L.W., and L. Fahrig. 2001. Effect of road traffic on two amphibian species of differing vagility. *Conservation Biology*, Vol.15, No. 4, pp. 1071-1078.
- Cederholm, C.J., L.M. Reid, and E.O. Salo. 1981. Cumulative effects of logging road sediment on salmonid populations in the Clearwater River, Jefferson Country, Washington. Salmon-Spawning Gravel Conference. Washington State Department of natural Resources.
- Central Valley Regional Water Quality Control Board (CVRWQCB). 2004. Water Quality Control Plan for the Tulare Lake Basin, second Edition. State of California: Water Resources Control Board, Central Valley Regional Water Quality Control Board. Available via: http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/
- _____. 2009. Water Quality Control Plan for the Sacramento River Basin and the San Joaquin River Basin. Fourth edition. State of California: Water Resources Control Board, Central Valley Regional Water Quality Control Board. Available via:
http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/ (accessed 2/04/2010)
- Chamberlin, T.W., R.D. Harr, and F.H. Everest. 1991. Timber harvesting, silviculture, and watershed processes. In: *Influences of forest and rangeland management on salmonid fishes and their habitats*, chapter 6. American Fisheries Society special publication 19. 721 pp.
- Chin, Ann, Deven Rohrer, Daniel Marion, and J. Alan Clingenpeel. 2004. Effects of all-terrain vehicles on stream dynamics. In: *Guldin, James, tech. comp. Ouachita and Ozark*

- Mountains Symposium: ecosystem management research. General Technical Report-SRS-74. Asheville, NC: USDA, Forest Service, Southern Research Station. 321p.
- Cisneros, R., Perez, M.A. 2007. A Comparison of Ozone Exposure in Shaver Lake and Fresno, California. *Journal of Environmental Health*, 69(7), 38-44.
- Clary, W.P., and B.F. Webster. 1989. Managing grazing of riparian areas in the intermountain region. USDA, Forest Service, Intermountain Research Station, General Technical Report INT-263. May 1989.
- Clines, J. 2007. Sierra National Forest Botanist Field Notes.
- Clinton, D.B. and J.M Vose. 2003. Differences in the surface water quality draining four road surface types in the southern Appalachias. *Southern Journal of Applied Forestry*, Vol. 27, No. 2.
- Coe, Drew B. 2006. Sediment production and delivery from forest roads in the Sierra Nevada, California. MS Thesis, Colorado State University, Fort Collins, CO.
- Cooper, D.C., Chimner, R.A. and E.C. Wolf. 2005. Report prepared for the Inyo National Forest: Livestock Use and the sustainability of Southern Sierra Nevada fens. Colorado State University, Fort Collins, CO.
- Council on Environmental Quality (CEQ). 1979. Off-road vehicles on public land. Council on Environmental Quality, Washington DC. PrEX 14.2: V53.
- _____. 1997. Executive Office of the President; Environmental Justice: Guidance Under the National Environmental Policy Act, December 1997 <http://www.whitehouse.gov/CEQ/>
- Dark, S.J. 1997. A landscape-scale analysis of mammalian carnivore distribution and habitat use by fisher. M.S. Thesis, Humboldt State Univ. 67 pp.
- Davidson, E. and Fox, M. 1974. Effects of off-road motorcycle activity on Mojave Desert vegetation and soil. *Madrono* 22(8): pp381-412
- Davis, W.C. 1999. Ecophysiology of *Hydrothyria venosa*: An Aquatic Lichen. PhD Dissertation, Arizona State University.
- Daw, S. K. and DeStefano, S. 2001. Forest characteristics of northern goshawk nest stands and post-fledgling areas in Oregon. *Journal of Wildlife Management*. 65(1): 59-65.
- Delaney, David, Teryl G. Grubb, Paul Beier, Larry Pater and M. Hildegard Reiser. 1999. Effects of Helicopter noise on Mexican Spotted Owls. *Journal of Wildlife Management* 63 (1) 60-76.
- Delaney, D.K. and T.G. Grubb. 2001. Effects of off-highway vehicle noise on northern spotted owls: sound data results. A report to the Mendocino National Forest. A report to the Mendocino National Forest, Contract Number 43-91Z9-0-0055.
- _____ and Grubb, Teryl G. 2003. Effects of Off-Highway Vehicles on Northern Spotted Owls: 2002 Results
- DeStefano S. 1998. Determining the status of Northern Goshawks in the west: is our conceptual model correct? *Journal of Raptor Research*. 32:342-348.
- deVos, J.C., M.R. Conover, and N.E. Headrick. 2003. Mule deer conservation: Issues and management strategies. Jack H. Berryman Institute Press. Logan, UT.
- Dissmeyer, G.E. 2000. Drinking water from forests and grasslands: a synthesis of the scientific literature. Gen. Tech. Rep. SRS-39. Asheville, NC: U.S. Department of Agriculture,

- Forest Service, Southern Research Station. 246 p. Retrieved from website:
http://www.srs.fs.usda.gov/pubs/gtr/gtr_srs039/index.htm on May 29, 2008.
- Dorrance, M.J., P.J. Savage, and D.E. Huff. 1975. Effects of snowmobiles on white-tailed deer. *Journal of Wildlife Management* 39 (3):563-569.
- Doughtery, C.K., and J.R. Smith. 2006. Acute effects of road de-icers on tadpoles of three anuran species. *Applied Herpetology* 3 87-93.
- Dunham, J.B., M.K. Young, R.E. Greswell, and R.E. Rieman. 2003. Effects of fire on fish populations: landscape perspectives on persistence of native fishes and nonnative fish invasions. *Forest Ecology and Management*, Volume 178 Issues 1-2 (2003) 183-196.
- Dwire, K.A., and J.B. Kauffman. 2003. Fire and riparian ecosystems in landscapes of the western USA. In: *Forest Ecology and Management*. Volume 178, Issues 1-2 (2003) 61-74
- EarthSLOT TerraExplorer Pro Help File – Viewshed Analysis Tool. 2008.
http://www.earthslot.org/help/tep/viewshed_analyst_tool.htm (Retrieved October 17, 2008).
- Edge, W.D. and C.L. Marcum. 1985. Movements of elk in relation to logging disturbances. *Journal of Wildlife Management* 49 (4):926-930.
- Eiswerth, M.E., Darden, T.D., Johnson, W.S., Agapoff, J., and T.R. Harris. 2005. Input–output modeling, outdoor recreation, and the economic impacts of weeds. *Weed Science*, 53: 130-137.
- Elmore, W., and R.L. Beschta. 1987. Riparian areas; perceptions in management. *Rangelands* 9(6), December 1987, pp. 260-265.
- Fahrig, L., J.H. Pedlar, S.E. Pope, P.D. Taylor, and J.F. Wegner. 1995. Effect of road traffic on amphibian density. *Biological Conservation* 73, pp. 177-182.
- Fellers, Gary M. and Elizabeth D. Pierson. 2002. Habitat use and foraging Behavior of Townsend’s big-eared bat (*Corynorhinus Townsendii*) in Coastal California. *Journal of Mammalogy*. 83(1): 167-177.
- Fellers, Gary M. and K.L. Freel. 1995. A Standardized Protocol for Surveying Aquatic Amphibians. Technical Report NPS/WRUC/NRTR-95-001. National Biological Service, Cooperative Park Studies Unit, University of California, Davis, CA. v+123 Pp
- _____. and P.M. Kleeman. 2006. Diurnal Versus Nocturnal Surveys for California Red-Legged Frogs. Research Note. *Journal of Wildlife Management* 70(6): 1805-1808.
- Fenn, M.E., Baron, J.S., Allen, E.B., Ruth, H.M., Nydick, K.R., Geiser, L., Bowman, W.D., Sickman, J.O., Meixner, T., Johnson, D.W., & Neitlich, P. 2003. Ecological effects of nitrogen deposition in the western United States. *BioScience* 53, 404-420.
- Foltz, R.B. 2006. Erosion From All Terrain Vehicle (ATV) Trails On National Forest Lands. American Society of Agricultural and Biological Engineers, 2006 Annual International Meeting, Paper 068012. 10 p.
- _____. and D.L. Meadows. 2007. Impacts of ATV traffic on undesignated trails. Stream Notes. April 2007. Stream Systems Technology Center. USDA Forest Service, Rocky Mountain Research Station, Fort Collins, CO. Available via:
http://www.stream.fs.fed.us/news/streamnt/apr07/apr00_2.htm (accessed November 20, 2008).

- Foreman, T.T., and L.E. Alexander 1998. Roads and their major ecological effects. *Annual Review of Ecology and Systematics*. 29:207-31
- Forsyth, A.R., K.A. Bubb, and M.E. Cox. 2006. Runoff, sediment loss and water quality from forest roads in a southeast Queensland coastal plain Pinus plantation. *Forest Ecology and Management* 221(2006):194-206.
- Franklin, A.B. 1988. Breeding biology of the Great Gray Owl in southeastern Idaho and northwestern Wyoming. *Condor* 90:689-696.
- Frazier J.W., K.B. Roby, J.A. Boberg, K. Kenfield, J.B. Reiner, D.L. Azuma, J.L. Furnish, B.P. Staab, S.L. Grant. 2005. Stream Condition Inventory Technical Guide. USDA Forest Service, Pacific Southwest Region - Ecosystem Conservation Staff. Vallejo, CA. 111 pp.
- Freddy, D. J., W. M. Bronaugh, and M. C. Fowler. 1986. Responses of mule deer to disturbance by persons afoot and snowmobiles. *Wildl. Soc. Bull.* 14:63-68.
- Freel, Maeton. 1991. A literature review for management of the marten and fisher on National Forests in California. USDA. Forest Service, Pacific Southwest Region. *Cover letter to Forests is dated 1992.*
- Fricke, Lynn B. (1990). *Traffic Accident Reconstruction: Volume 2 of The Traffic Accident Investigation Manual*. Evanston, Illinois: Northwestern University Traffic Institute.
- Furniss, M.J., T.D. Roelofs, and C.S. Yee. 1991. Road construction and maintenance. In: Influences of forest and rangeland management on salmonid fishes and their habitats, Chapter 8. American Fisheries Society special publication 19. 721 pp.
- Furniss, Michael, Michael Love, and Sam Flanagan. 1997. Diversion potential at road-stream crossings. In: Water/Road Interaction Technology Series. 9777-1814-SDTDC. USDA Forest Service San Dimas Technology and Development Center. 12pp.
- Gaines, W.L.; Singleton, P.H.; Ross, R.C. 2003. Assessing the cumulative effects of linear recreation routes on wildlife habitats on the Okanogan and Wenatchee National Forests. Gen. Tech. Rep. PNW-GTR-586. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 79pp.
- Gallegos, Alan J. 2004. Big Creek Watershed Analysis. Sierra National Forest Open File Report, High Sierra Ranger District, Prather, CA. 68pp.
- _____. 2006. Cedar Valley Fuels Project Detailed Cumulative Watershed Effects Geology. Sierra National Forest Open-File Report, Bass Lake Ranger District, North Fork, CA. 2pp.
- _____. 2006a. Kings River Project - Revised Detailed Cumulative Watershed Effects Assessment. Sierra National Forest Open-File Report, High Sierra Ranger District, Prather, CA. 31pp.
- _____. 2008. Sugar Pine Adaptive Management Project Cumulative Watershed Effects Analysis. Sierra National Forest Open-File Report, Sierra National Forest, Clovis, CA. 6pp.
- _____. 2009. Sierra National Forest Travel Management Project Cumulative Watershed Effects Assessment for Sierra National Forest. Open File Report Sierra National Forest, Clovis, CA. 50 pp.
- _____. 2010. Sierra National Forest Travel Management Project Geologic Assessment of OHV Routes with NOA Potential. Sierra National Forest Open File Report, Sierra National Forest Supervisors Office, Clovis, CA. 3p

- Geist, V.A. 1978. Behavior. Pages 283-296 in J.L. Schmidt and D.L. Gilbert, eds. Big Game of North America: Ecology and Management. Stackpole Books, Harrisburg, PA.
- Gerstung, E.R. 1988. Status, life history, and management of the Lahontan cutthroat trout. American Fisheries Society Symposium 4:93-106.
- Gese, E.M., O.J. Rongstad, and W.R. Mytton. 1989. Changes in coyote movements due to military activity. Journal of Wildlife Management 53(2):334-339.
- Gibeau, M.L. and Heuer, K. 1996. Effects of transportation corridors on large carnivores in the Bow River Valley, Alberta. In: Evink, G.; Ziegler, D.; Garrett, PI (et al.), eds. Highways and movement of wildlife: improving habitat connections and wildlife passageways across transportation corridors. Orlando, FL: U.S. Department of Transportation.
- Giger, David R. and Schmitt, Gerald J. 1993. Soil Survey of Sierra National Forest Area, California. USDA-FS. Open File Report, Clovis, California.
- Gillespie, G.R. 2002. Impacts of sediment, tadpole density, and food type on growth and development of tadpoles of the spotted frog *Litoria spenceri*: an instream experiment. Biological Conservation, Vol. 106. pp. 141-150.
- Gotmark 1992. In Knight, R.L.; Gutzwiller, K.J. 1995. Wildlife and Recreationists: Coexistence through Management and Research. Washington D.C.: Island Press; 372 pp.
- Gott, Julie. 2008. Memo: field evaluation of sedimentation in Rock Creek. Sierra National Forest, High Sierra Ranger District, Prather, CA. 3pp.
- _____. 2010. Water Resource Specialist Report for the Sierra National Forest Travel Management Plan. USDA-FS, Sierra National Forest. Clovis, California.
- Green, G.A., H.L. Bombay, M.L. Morrison. 2003. Conservation Assessment of the willow flycatcher in the Sierra Nevada. USDA Forest Service, Pacific Southwest Region, Vallejo, CA. 62 pp.
- Grinnell, J., and T. I. Storer. 1924. Animal life in the Yosemite. University of California Press, Berkeley. xviii + 752 pp.
- _____. and J.S. Dixon, and L.M. Linsdale. 1937. Furbearing mammals of California: their natural history, systematic status and relations to man. University of California, Berkeley, 1:1-777.
- Grubb, T.G., L.L. Pater and K.K. Delaney. 1998. Logging truck noise near nesting northern goshawk. USDA Forest Research Note RMRS-RN-3.
- Gucinski, Hermann, Michael J. Furniss, Robert R. Ziemer, and Martha H. Brookes, eds. 2001. Forest roads: a synthesis of scientific information. PNW-GTR-509. Pacific Northwest Research Station, Portland, OR. 103pp.
- Hagans, D.K., D.E. Weaver, and M.A. Majed. 1986. Long-term on-site and off-site effects of logging and erosion in the Redwood Creek basin, North California.
- Hansen, R.W. 1998. Personal communication. Listed in CDFG Inland Fisheries Informational Leaflet No. 43 (A List of Individuals with Expertise in Working with the Amphibians and Reptiles of California CDFG (1994)) as individual having expertise on Relictual slender salamander.
- _____. 2006. Summary of the biology and current taxonomy of Plethodontid salamanders (genus *Batrachoseps*) in the Sierra Nevada, California.

- Hanson, R.W. 2006. Summary of the biology and current taxonomy of Plethodontid salamanders (*genus Batrachoseps*) in the Sierra Nevada, California.
- Hargis, C.D. and J.A. Bissonette. 1997. The influence of forest fragmentation and prey availability on American marten populations: a landscape level analysis. Pages 437-451 in Proulx, Gilbert, H.N. Bryant and P.M. Woodard, eds. *Martes: taxonomy, ecology, techniques, and management*. Proceedings of the Second International Martes symposium. The Provincial Museum of Alberta, Edmonton, Alberta, Canada. 474 pp.
- Harrison, R.M., Yin, J., Mark, D., Stedman, J., Appleby, R.S., Booker, J., & Moorcroft, S. (2001). Studies of the particle (2.5 μ m) component in UK urban atmospheres. *Atmospheric Environment*, 35, 3667-3679.
- Havlick, David G. 2002. No Place Distance: Roads and Motorized and Motorized Recreation on America's Public Lands. Island Press. Washington D.C. 297 pp.
- Hayes, C., McDonnell, W., & Zenick, H. 1993. U.S. Environmental Protection Agency's Ozone Epidemiology Research Program: A Strategy for Assessing the Effects of Ambient Ozone Exposure upon Morbidity in Exposed Populations. *Air & Waste*, 43, 950-954.
- Hayes, M.P. and M.R. Jennings. 1986. Decline of ranid frog species in western North America: Are bullfrogs (*Rana catesbeiana*) responsible? *Journal of Herpetology* 20(4):490-509.
- _____. and M.R. Jennings. 1988. Habitat correlates of distribution of the California red-legged frog (*Rana aurora draytonii*) and the foothill yellow-legged frog (*Rana boylei*): Implications for management. pp. 144-158 In: R.C. Szaro, K.E. Severson, and D.R. Patton (technical coordinators), *Proceedings of the symposium on the management of amphibians, reptiles, and small mammals in North America*. United State Department of Agriculture, Forest Service, General Technical Report RM-166.
- Hayward, L., and S. Wasser. 2008. Preliminary results on the effects of acute off-highway vehicle exposure on the Northern spotted owl *Strix occidentalis caurina*. Preliminary report to the USDA Forest Service, prepared by the University of Washington, Center for Conservation Biology.
- Heinemeyer, K.S. 1993. Temporal dynamics in the movements, habitat use, activity, and spacing of reintroduced fishers in northwestern Montana. Missoula, MT: University of Montana. M.S. thesis. 158p.
- Helm, Tammy. 2008. Personal communication between Janet Sanchez, wildlife biologist and Tammy Helm, silviculturalist, Sierra National Forest, 5/8/08
- Hermance, Richard. (1995). *Snowmobile and ATV Accident Investigation and Reconstruction* (2nd Ed). Tucson, Arizona: Lawyers & Judges Publishing Company, Inc.
- Hewings, Geoffrey. 1985. Regional Input-Output Analysis. Sage 1985 Regional Input-Output Analysis. [Geoffrey J D Hewings University of Illinois, Urbana-Champaign]. Scientific Geography Series; Volume:7 Published 1986; 96 pages. [not listed anymore by Sage]
- Hickman, S. 1990. Evidence of edge species attraction to nature trails within deciduous forest. *Natural Areas Journal*. 10:3-5.
- Hickman, James C., editor. 1993. *The Jepson Manual: higher plants of California*. University of California Press. Berkeley and Los Angeles. CA. 1400 pp.
- Hicks, Jane. 1984. Bats not so bad after all. *Outdoor California*. September-October.
- Hilsenhoff, W.L. 1987. An improved biotic index of organic stream pollution. *Great Lakes Entomologist*. 20:31-39.

- Hilton, Sue, and T.E. Lisle. 1993. Measuring the fraction of pool volume filled with fine sediment. Research Note PSW-RN-414-WEB. Pacific Southwest Research Station, Albany, CA. 11p.
- Hine, R.L., B. Lee., and B. Hellmich. 1981. Leopard frog populations and mortality in Wisconsin, 1974-1976. Technical Bulletin 122, Department of Natural Resources, Box 7921, Madison, Wisconsin 53707.
- Hinton, W.F. 1975. Systematics of the Calyptridium umbellatum complex (Portulacaceae). *Brittonia* 27 (3): 197-208.
- Holland, D. C. 1991. A synopsis of the ecology and status of the western pond turtle (*Clemmys marmorata*) in 1991. Report to USFWS National Ecology Research Center, San Simeon Field Station
- _____. 1994. The western pond turtle: habitat and history. U.S. Department of Energy, Bonneville Power Administration, Environment, Fish, and Wildlife, P.O. Box 3621, Portland, Ore 97028. Project Number 92-068. Contract Number DE-B179-92BP62 137.
- Hopson, Rick. 2005. Memo: Kings River Project CWE field review. Sierra National Forest, High Sierra Ranger District, Prather, CA. 2pp.
- Hughes, R.M. and D.P. Larsen. 1987. Ecoregions: an approach to surface water protection. *Journal of the Water Pollution Control Federation* 60:486-493.
- Jaffe, D., Price, H., Parish, D., Goldstein, A., Harris, J. 2003. Increasing background ozone during spring on the west coast of North America. *Geophysical Research Letters*, 30(12), 1613, doi:10.1029/2004GL017024.
- Jalkotzy, M.G., P.I. Ross, and M.D. Nasserden. 1997. The Effects of Linear Developments on Wildlife: A Review of Selected Scientific Literature; Prepared for Canadian Association of Petroleum Producers. Arc Wildlife Services Ltd., Calgary. 115pp.
- Jennings, M.R. 1996. Status of amphibians. In: Sierra Nevada Ecosystem Project: Final report to Congress, vol. II, chapter 31. Davis: University of California, Centers for Water and Wildland Resources
- _____. 1998. Personal communication. Information presented at Western Amphibian/Reptile Symposium at USFWS Portland, OR Office in May 1998.
- _____. and M.P. Hayes. 1985. Pre-1900 overharvest of the Red-legged Frogs (*Rana aurora draytonii*): the inducement for bullfrog (*Rana catesbiana*) introduction. *Herpetologica* 41: pp 94-103.
- _____. and M.P. Hayes. 1994. Amphibian and reptile species of special concern in California. Final report submitted to the California Department of Fish and Game, Inland Fisheries Division, Contract No. 8023. Sacramento CA. 255 pp.
- Jockusch, E.L., D.B. Wake, and K.P. Yanev. 1998. New species of slender salamanders, *Batrachoseps* (Amphibia: Plethodontidae), from the Sierra Nevada of California. Los Angeles County Natural History Museum Contributions. *Science*. (472):1-17
- _____. and D.B. Wake. 2002. Falling apart and merging: diversification of slender salamanders (Plethodontidae: *Batrachoseps*) in the American West. *Biological Journal of the Linnean Society*, 2002, 76, 361-391.
- Jones, JA, and Grant, GE. 1996. Peak flow responses to clear-cutting and roads in small and large basins, Western Cascades, Oregon. *Water Resources Research*, 32(4): 959-974.

- _____. and F.J. Swanson, B.C. Wemple, and K. Snyder. 2000. Effects of roads on hydrology, geomorphology, and disturbance patches in stream networks. *Conservation Biology*. Vol 14(1), Pp. 76-85.
- Jones, J.L. and E.O. Garton 1994. Selection of successional stages by fishers in northcentral Idaho (Pp 377-387). In S.W. Buskirk, A.S. Harestad, M.G. Raphael, and R.A. Powell, editors. *Martens, sables, and fishers: biology and conservation*. Cornell University Press, Ithaca, New York. 484 pp.
- Joslin, G. and H. Youmans. 1999. Effects of recreation on Rocky Mountain wildlife: a review for Montana. Helena, MT: Committee on effects of recreation on wildlife, Montana Chapter of The Wildlife Society. 307 pp.
- Karlstrom, E. L. 1962. The toad genus *Bufo* in the Sierra Nevada of California: ecological and systematic relationships. *University of California Publications in Zoology*, 62:1-104.
- _____. 1973. *Bufo canorus*. *Catalogue of American Amphibians and Reptiles*. Society for the Study of Amphibians and Reptiles, St. Louis, Missouri. pp. 132.1-132.2
- Kasworm, W.F. and T.M. Manley. 1990. Road and trail influences on grizzly bears and black bears in northwest Montana. *International Conference on Bear Research and Management*. 8:79-84.
- Kattleman, R. 1996. Hydrology and water resources. In: *Sierra Nevada Ecosystem Project: Final report to Congress, vol. II, chapter 30*. Davis: University of California, Centers for Water and Wildland Resources.
- Kaye, T.N. and J.R. Cramer. 2005. Conservation Assessment for *Cypridium fasciculatum* and *Cypridium montanum*: Region Five USDA Forest Service. Institute for Applied Ecology, Corvallis, OR. 55pp.
- Knight, R.L.; Gutzwiller, K.J. 1995. *Wildlife and Recreationists: Coexistence through Management and Research*. Washington D.C.: Island Press; 372 pp.
- Koelemeijer, R.B.A., Homan, C.D. & Matthijsen, J. 2006. Comparison of spatial and temporal variations of aerosol optical thickness and particulate matter over Europe. *Atmospheric Environment*, 40, 5304-5315.
- Korte A. and L. MacDonald. 2005. Road Sediment Production and Delivery in the Southern Sierra Nevada, California. *American Geophysical Union, Fall Meeting 2005*, abstract #H51E-0416. Available via: <http://adsabs.harvard.edu/abs/2005AGUFM.H51E0416K> (accessed 1/23/2009)
- Lannoo M. 2005. *Amphibian Declines: The Conservation Status of United States Species*. Berkeley, CA: Berkeley University of California Press (2005), pp. 926-927.
- Le Treut, H., R. Somerville, U. Cubasch, Y. Ding, C. Mauritzen, A. Mokssit, T. Peterson and M. Prather, (2007). Historical Overview of Climate Change. In: *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. Retrieved from: <http://ipcc-wg1.ucar.edu/wg1/wg1-report.html>
- Lehnert, M.; Romin, L.; Bissonette, J. 1996. Mule deer highway mortality in northeastern Utah: causes, patterns, and a new mitigation technique. In: *Evink, G.; Ziegler, D.; Garrett, P. (et al.), eds. Highways and movement of wildlife: improving habitat connections and*

- wildlife passageways across transportation corridors. Orlando, FL: U.S. Department of Transportation: 101-107.
- Liang, C. 2009. Personal communication with Stephanie Barnes, SNF. Information sent from PhD candidate regarding Yosemite toad habitat utilization. July 14, 2009
- Linnell, J.D.C.; Swenson, J.E.; Anderson, R.; Barnes, B. 2000. How vulnerable are denning bears to disturbance? *Wildlife Society Bulletin*. 28(2):400-413.
- Lisle, T.E., and S. Hilton. 1992. The volume of fine sediment in pools: an index of sediment supply in gravel-bed streams. *Water Resources Bulletin*, 28(2):371-383.
- _____. 1999. Fine bed material in pools of natural gravel bed channels. *Water Resources Research*, 35(4): 1291-1304.
- Liu, W., Hopke, P.K., & VanCuren, R.A. (2003). Origins of fine aerosol mass in the western United States using positive matrix factorization, *J. Geophys. Res.*, 108(D23), 4716, doi:10.1029/2003JD003678.
- Loft, E.R., and J.W. Menke. 1988. Habitat and spatial relationships between mule deer and cattle in a Sierra Nevada Forest zone. *Dep. Agron. and Range Sci., UC Davis. Final Report to U.S. Forest Service.* 144p.
- _____.and J. Kie and R. Bertram. 1987. Influence of Cattle Stocking Rate on the Structural Profile of Deer Hiding Cover. *Journal of Wildlife Management*. 51:655-664.
- Loos, G. and P.Kerlinger. 1993. Road mortality of saw-whet and screech-owls on the Cape May peninsula. *J. Raptor Res.* 27:210-213.
- Luce, Charles H., and Thomas A. Black. 1999. Sediment production from forest roads in western Oregon. *Water Resources Research* 35(8):2561-2570.
- Mace, R.D.; Waller, J.S. 1996. Grizzly bear distribution and human conflicts in Jewel Basin Hiking Area, Swan Mountains, Montana. *Wildlife Society Bulletin*. 24(3):461-467.
- Mahaney, P. 1994. Effects of freshwater petroleum contamination on amphibian hatching and metamorphosis. *Environmental Toxicology and Chemistry* 13:259-265
- Maholland, B., and T.F. Bullard. 2005. Sediment-Related Road Effects on Stream Channel Networks in an Eastern Sierra Nevada Watershed. *Journal of the Nevada Water Resources Association*, Volume 2, Number 2.
- Marra, P., and R.L.Holberton. 1998. Corticosterone levels as indicators of habitat quality: effects of habitat segregation in a migratory bird during the non-breeding season. *Oecologia* 116:284-292.
- Marsh, Steve. 2008. Travel Management, Heritage Resource Inventory and Assessment, High Sierra Ranger District, Sierra National Forest, Archaeological Reconnaissance Report R200805153002. USDA Forest Service, Sierra National Forest, Clovis, CA.
- Martin, D. L. 1992. Sierra Nevada Anuran Guide. Canorus Ltd. Ecological Research Team. Canorus Ltd. Press. San Jose. 28 pp.
- Martin, Leung, Pallini. Wyle Laboratories. 2005. California Off-Highway Vehicle Noise Study: A Report to the California Legislature as Required by Public Resources Code Section 5090.32 (0) Prepared for: State of California Department of Parks and Recreation Off-Highway Motor Vehicle Recreation Division.
- Martin, D. L. 2009. Movement Patterns and a Proposed Core Habitat Protection Zone for the Yosemite toad (*Bufo canorus*)

- Maxell, B., and G. Hokit. 1999. Amphibians and reptiles, Pages 2.1-2.29 in G. Joslin and H. Youmans, coordinators. Effects of recreation on Rocky Mountain wildlife: a review of Montan. Committee on Effects of Recreation on Wildlife, Montana Chapter of the Wildlife Society. 307 pp.
- Mayer, K. 2008. Law Enforcement Officer, Sierra National Forest Supervisor's Office, Clovis, CA. Personal Communication with Gayne Sears, Sierra National Forest in October of 2008
- Mazerolle, M.J. 2003. Night driving surveys as amphibian monitoring technique in Kouchibouquac National Park, 1995-2002. June 2003. Parks Canada – Ecosystem Monitoring and Data Reports No. 9 v +19p.
- McCallum, M.L. and Trauth, S.E. 2007. Physiological trade-offs between immunity and reproduction in the northern cricket frog (*Acris crepitans*). Herpetologica 63(3): pp 269-274.
- McCandliss, Dave. 2008. Personal communication between Kim Sorini, wildlife biologist and Dave McCandliss, fuels management officer, Sierra National Forest, 4/22/2008
- MacFarlane, D. 2009. Personal communication between Kim Sorini, wildlife biologist and D. MacFarlane, Sierra National Forest, 2009
- McGuire and Gallegos. 2009. Abandoned Mine Lands Report for the Sierra National Forest Travel Management DEIS. Sierra National Forest, Clovis, CA.
- McLellan, B.W. and D.M. Shackelton. 1988. Grizzly bears and resource extraction industries: effects of roads on behavior, habitat use, and demography. Journal of Applied Ecology. 25: 451-460.
- McMahon, T.E., and D.S. de Calista. 1990. Effects of fire on fish and wildlife. Natural and Prescribed Fire in the Pacific Northwest Forests. Oregon State University Press, Corvallis. Pp 233-250 IN J. Walstad (ed.).
- Meehan, W.R. 1991. Influences of forest and rangeland management on salmonid fishes and their habitats. American Fisheries Society special publication 19. 721 pp.
- _____. and T.C. Bjornn. 1991a. Salmonid distributions and life histories. In: Influences of forest and rangeland management on salmonid fishes and their habitats, Chapter 3. American Fisheries Society special publication 19. 721 pp.
- Megahan, W.F. 1991. Erosion and site productivity in western-montane forest ecosystems. In: Harvey, A.E.; Neuenschwander, L.F., eds. Proceedings of the symposium on management and productivity of western montane forest soils. Gen. Tech. Rpt. INT-280. 1990 April 10-12; Boise, ID. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station: 146-150.
- Miller, S.G.; Knight, R.L.; Miller, K.C. 1998. Influence of recreational trails on breeding bird communities. Ecological Applications. 8:162-169.
- Ministry of Water, Land and Air Protection and Grasslands Conservation Council (MWLAP and GCC). 2004. Best Management Practices for Recreational Activities on Grasslands in the Thompson and Okanagan Basins. Ministry of Water, Land and Air Protection, Victoria, British Columbia. <http://www.bcgrasslands.org/SiteCM/U/D/8E9CD8997E4ED889.pdf>
- Minshall et al. 1989. Wildfire and Yellowstone's stream ecosystems. Bioscience 39: pp 707-715.

- Mogge, Marie. 2008. Travel Management, Heritage Resource Inventory and Assessment, Bass Lake Ranger District, Sierra National Forest, Archaeological Reconnaissance Report R200805151001. USDA Forest Service, Sierra National Forest, Clovis, California.
- Morales, Kim. 2004. Kings River Project V* Surveys. Open File Report. Sierra National Forest, High Sierra Ranger District, Prather, CA. 4p.
- Moyle, P.B. 1976. Inland fishes of California. Berkeley and Los Angeles: University of California Press. 405 pp.
- _____. and R.J. Randall 1996. Biotic Integrity of Watersheds. In: Sierra Nevada Ecosystem Project: Final report to Congress, vol. II, chapter 34. Davis: University of California, Centers for Water and Wildland Resources.
- _____. and R.M. Yoshiyama, and R.A. Knapp. 1996a. Status of fish and fisheries. In: Sierra Nevada Ecosystem Project: Final report to Congress, vol. II, chapter 33. Davis: University of California, Centers for Water and Wildland Resources.
- _____. 2002. Inland fish of California, revised and expanded. University of California Press, Berkeley and Los Angeles, CA. 502 pp.
- Mullally, P. 1953. Observations on the ecology of the toad (*Bufo canorus*). *Copeia* 1953: pp 182-183.
- Murphy, J.G., Day, D.A., Cleary, P.A., Wooldridge, P.J., Millet, D.B., Goldstein, A.H., & Cohen, R.C. 2007. The weekend effect within and downwind of Sacramento-Part 1: Observations of ozone, nitrogen oxides, and VOC reactivity. *Atmos. Chem. Phys.*, 7, 5327-5339.
- Nash, R.F., G.G. Gallup, Jr., and M.K. McClure. 1970. The immobility reaction in leopard frogs (*Rana pipiens*) as a function of noise-induced fear. *Psychon. Sci.* Vol. 21 (3). Pp. 155-156.
- NatureServe. 2006. NatureServe Explorer: An online encyclopedia of life [web application]. Version 4.7. NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed 1/23/2009).
- Newcombe, C.P., and D.D. MacDonald. 1991. Effects of suspended sediment on aquatic ecosystems. *North American Journal of Fisheries Management*. Vol. 11, pp 72-82.
- _____. and J.O. Jensen. 1996. Channel suspended sediment and fisheries: a synthesis of qualitative assessment of risk and impact. *North American Journal of Fisheries Management*. Vol. 16, pp. 693-727.
- North, M., G. Steger, R. Denton, G. Eberlein, T. Munton, and K Johnson. 2000. Association of weather and nest-site structure with reproductive success in California spotted owls. *Journal of Wildlife Management* Vol. 64, no. 3, pp. 797-807. July.
- Oglesby, C.H., and Hicks, R. G. Hicks. (1982). *Highway Engineering* (4th Ed). New York: John Wiley & Sons
- Ouren, Haas, Melcher, Stewart, Ponds, Sexton, Burris, Francher, Bowen. 2007. Environmental Effects of Off-Highway Vehicles on Bureau of Land Management Lands: A Literature Synthesis, Annotated bibliographies, Extensive Bibliographies and Internet Resources. US Department of the Interior and U.S. Geological Survey
- Papouchis, C.M.; Singer, F.J.; Sloan, W.B. 2001. Responses of desert bighorn sheep to increased human recreation. *Journal of Wildlife Management*. 65(3): 573-582.

- Parks, Sean and Ramiro Rojas. 2006. Modeling future vegetation in the Kings River Project Area. August. Open-File Report. Prather, CA: Sierra National Forest, Forest Service, U.S. Department of Agriculture.
- Payne, G.F., Foster, J.W. and W.C. Leininger. 1983. Vehicle Impacts on Northern Great Plains Range Vegetation. *Journal of Range Management* 36 (3): 327-331.
- Perrine John Dixon III. 2005. Ecology red fox (*Vulpes vulpes*) in the Lassen Peak region of California, USA. Dissertation, University of California, Berkeley, Berkeley CA. 251p.
- _____. and L.C. Campbell, and G.A. Green. 2006. Conservation Assessment for the Sierra Nevada red fox (*Vulpes vulpes necator*), USDA Forest Service.
- Perry, C. and R. Overly. 1977. Impact of roads on big game distribution in portions of the Blue Mountains of Washington. Pages 62-68 in: Hieb, S.R., Ed. Proceedings of the Elk-Logging-Roads Symposium. December 16-17, 1976, Moscow, Idaho. Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, ID.
- Pilcher and Turina, 2006. Protecting Natural Sounds in National Parks: Soundscape Workshop Visitor Experience and Soundscapes Annotated Bibliography. National Park Service and Colorado State University March 1-2.
- Platts, W.S. 1991. Chapter 11, Livestock grazing. In: Influences of Forest and Rangeland Management on Salmonid Fishes and their Habitats. W.R. Meehan, editor. American Fisheries Society Special Publication 19.
- Pline, James L. (2001). *Traffic Control Devices Handbook, 2001*. Washington DC: Institute of Transportation Engineers.
- Potter, Donald A. 2005. Riparian plant community classification west slope, central and southern Sierra Nevada, California. R5-TP-022. Vallejo, CA. Pacific Southwest Region, Forest Service, U.S. Department of Agriculture; 634 pp.
- Potvin, F., L. Belanger and K. Lowell. 2000. Marten habitat selection in a clearcut boreal landscape. *Conservation Biology* 14:844-857.
- Powell, B.E. 2001. Rare Plant Management on the National Forests and Grasslands in California. In: CNPS Inventory of Rare and Endangered Vascular Plants of California – 6th edition. California Native Plant Society Press. 386 pp. (direct link to article: <http://www.cnps.org/cnps/rareplants/usfs.php>).
- Powell, R.A. 1993. The fisher: life history, ecology, and behavior. University of Minnesota Press, Minneapolis, Minnesota, USA.
- _____. and W.J. Zielinski. 1994. Fisher. pp. 38-73 in Scientific basis for conserving forest carnivores: marten, fisher, lynx and wolverine in the western United States (L.F. Ruggiero, K.B. Aubry, S.W. Buskirk, L.J. Lyon, and W.J. Zielinski, eds), United States Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado, General Technical Report RM-254.
- Power, M.E. 1990. Resource enhancement by indirect effects of grazers: armored catfish, algae, and sediment. *Ecology* 71(3), pp. 897-904.
- Pringle, C.M., R.J. Naiman, G. Bretschko, J.R. Karr, M. Oswood, J.R. Webster, R.L. Welcomme, and M.J. Winterbourne. 1988. Patch dynamics in lotic systems: the stream as a mosaic. *Journal of North American Benthological Society* 7:503-524.

- Prose, D.V., Metzger, S.K., and H.G. Wilshire. 1987. Effects of substrate disturbance on secondary plant succession—Mojave Desert, California: *Journal of Applied Ecology*, v. 24, no. 1, p. 305–313.
- Radle, Autumn L. 2002. The Effect of Noise on Wildlife: A literature review.
- Randall, J.M. 1996. Assessment of the invasive weed problem on preserves across the United States. *Endangered Species Update*. 12:4-6.
- Rathburn, G.B., N.J. Scott, Jr., and T.G. Murphy. 2002. Terrestrial habitat use by Pacific pond turtles in a Mediterranean climate. *Southwestern Naturalist* 47:225-235.
- Reed, R.A.; Johnson-Barnard, J.; Baker, W.L. 1996. Contribution of roads to forest fragmentation in the Rocky Mountains. *Conservation Biology*. 10: 1098-1106.
- Reese, D. 1996. Western pond turtle survey techniques.
- Reh, W., and A. Seitz. 1990. The influence of land use on the genetic structure of populations of the common frog *Rana temporaria*. *Biological conservation*, Vol. 54 (1990) pp. 239-249.
- Reich, Robin M. and Suzanne M. Joy and Richard T. Reynolds. 2004. Predicting the location of northern goshawk nests: modeling the spatial dependency between nest locations and forest structure. *Ecological Modelling* 176 (2004) 109-133.
- Reid, L.M., and R. Dunne. 1984. Sediment production from forest road surfaces. *Water Resources Research* Vol. 20, No. 11, pp. 1753-1761.
- Reinking, L.N., C.H. Daugherty, and L.B. Daugherty. 1980. Plasma aldosterone concentration in wild and captive western spotted frogs (*Rana pretiosa*). *Comparative Biochemistry and Physiology* 65A(4): 517—518.
- 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.
- _____. and D.M. Rosenberg. 1989. Spatial-temporal variability and the study of aquatic insects. *Canadian Entomologist* 121:941-963.
- Rieman, B., C. Luce, J.B. Dunham, and A. Rosenberger. 2005. Implications of changing fire regimes for aquatic systems. IN: *Mixed severity fire regimes: ecology and management; symposium proceedings*; Nov. 17-19, 2004 Pullman, WA. Washington State University Extension 2005, p. 187-191.
- Roath, Brent, 1991. Sierra National Forest, Mariposa Ranger District, Soil and Watershed Monitoring Report: Miami Creek – 1991. 4p. + Appendices
- _____. 2000. Soil Monitoring Miami Motorcycle Trail Network, Sierra National Forest. Open File Report Sierra National Forest, Clovis, CA. 46 pp.
- _____. 2002. Soil Monitoring Bald, Brewer, and Spanish OHV Trails, Sierra National Forest. Open File Report Sierra National Forest, Clovis, CA. 17 pp.
- Robichaud, P.R., L.H. MacDonald, and R.B. Foltz. 2010. Fuel management and erosion. Chapter 5 in: Elliot, William J.; Miller, Ina Sue; Audin, Lisa. Eds. 2010. Cumulative watershed effects of fuel management in the western United States. Gen. Tech. Rep. RMRS- GTR-231. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 299 p. Available online: http://www.fs.fed.us/rm/pubs/rmrs_gtr231.html

- Rodriguez-Prieto, I., and E. Fernande-Juricic. 2005. Effects of direct human disturbance on the endemic Iberian frog *Rana iberica* at individual and population levels.
- Rojas, Smith, and Blaugrund. 2008 Sierra National Forest, District Ranger. Personal communication regarding passive recovery rates with Dave Smith, and Francey Blaugrund.
- _____. 2008. Sierra National Forest, District Ranger and Silviculturist. Personal communication with Kim Sorini, Wildlife Biologist, Sierra National Forest.
- Romin, L.A., and J.A. Bissonette. 1996. Deer-vehicle collisions: status of state monitoring activities and mitigation efforts. *Wildlife Society Bulletin* 24(2):276-283.
- Rooney, T.P. 2005. Distribution of ecologically-invasive plants along off-road vehicle trails in the Chequamegon National Forest, Wisconsin. *The Michigan Botanist* 44: 178-182.
- Rosgen, D.L. 1996. *Applied River Morphology*. Copyright 1996 by Wildland Hydrology, 1481 Stevens Lake Road, Pagosa Springs, CO.
- Rost, G.R., and Bailey, J.A. 1979. Distribution of mule deer and elk in relation in roads. *Journal of Wildlife Management* 43:634-641.
- San Joaquin Valley San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD) 2006. PM-10 Plan. Accessed March 2010 at http://www.valleyair.org/air_quality_plans/docs/chapter_1.pdf
- Sanders, Holly, and Rick Hopson. 2005. Memo: Kings River Project Baseline Assessment – Cumulative Watershed Effects (CWE) Review of Channel Conditions and Fisheries Habitat for Sub-watersheds over Threshold of Concern (TOC). Sierra National Forest, Clovis, CA. 16p.
- Sawyer and Keeler-Wolf. 1995. *A Manual of California Vegetation*, California Native Plant Society, Sacramento, CA
- Schnackenberg, E.S., and L.H. MacDonald. 1998. Detecting cumulative effects on headwater streams in the Routt National Forest, Colorado. *Journal of the American Water Resources Assoc.*, 34(5):1163-1177.
- Schweitzer, Peter. 2009. USGS MRDS database contact, personal communications with Alan Gallegos, January 15, 2009
- Seamans, M.E. 2005. Population Biology of the California Spotted Owl in the Central Sierra Nevada. Ph.D. Dissertation. University of Minnesota. St. Paul, Minnesota.
- Seglund, A.E. 1995. The use of resting sites by the Pacific fisher. Thesis, Humboldt State University, Arcata, California, USA.
- Sherwin, R. 1998. Presentation to the Western Bat Working Group Workshop. February 9-13. Reno, Nev., Personal Communication.
- 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>.
- Sierra Nevada Ecosystem Project. 1996. Watersheds and aquatic biodiversity. In: Sierra Nevada Ecosystem Project: Final report to Congress, Volume I, Chapter 8. Davis: University of California, Centers for Water and Wildland Resources.

- Singer, F.J. and J.B.Beattie. 1986. The controlled traffic system and associated wildlife responses in Denali National Park. *Arctic* 39(3): 195-203.
- Skagen, S.K., R.L. Knight and G.H. Orians. 1991. Human disturbances of an avian scavenging guild. *Ecological Applications* 1:215-225.
- Slater, James R. 1962. Variations and new range of *Clemmys marmorata marmorata*. Occasional Papers: Department of Biology, University of Puget Sound, Tacoma, Washington. 20: pp 204-205.
- Smith, A., Wright, C. 1996. Chrysotile asbestos is the main cause of pleural mesothelioma. *American Journal of Industrial Medicine*, 30, 252-266.
- Sorini-Wilson, Kimberly. 2010. Biological Assessment and Biological Evaluation for Terrestrial Wildlife, Motorized Travel Management, Sierra National Forest. February.
- Spellerberg, I.F., and T. Morrison. 1998. The ecological effects of new roads: a literature review. Department of Conservation, Wellington, New Zealand.
- Spencer, W.D.; Barrett, R.H.; Zielienski, W.J. 1983. Marten habitat preferences in the northern Sierra Nevada. *Journal Wildlife Management*. 47: 1181 –1186.
- _____. and Heather Rustigian, Robert Scheller, Alexandra Syphard, James Strittholt, and Brendan Ward. 2007. Baseline Evaluation of Fisher Habitat and Population Status & Effects of Fires and Fuels Management on Fishers In the Southern Sierra Nevada. Conservation Biology Institute prepared for USDA Forest Service. June 2007.
- Stayner, L., Dankovic, D., & Lemen, R. 1996. Occupational exposure to chrysotile asbestos and cancer risks: a review of the amphibole hypothesis. *American Journal of Public Health*, 86 (2), 179-186.
- Stebbins, R.C. 1985. Western reptiles and amphibians. Peterson Field Guides. Houghton Mifflin Company, Boston, MA. 336 pp.
- Steidl, Robert J. and Brian F. Powell. 2006. Assessing the Effects of Human Activities on Wildlife. Visitor Impact Monitoring. Vol 23, number 2. Pages 50-58.
- Steiner, A.L., Cohen, R.C., Harley, R.A., Tonse, S., Millet, D.B., Schade, G.W., & Goldstein, A.H. 2008. VOC reactivity in central California: comparing an air quality model to ground-based measurements. *Atmos. Chem. Phys.*, 8, 351-368.
- Stensvold, M.C. 2000. The conservation status of Ophioglossaceae in southern Alaska. *Proceedings of Botany 2000*. August 6-10. Portland, OR.
- Strahler, Arthur N. 1957. Quantitative analysis of watershed geomorphology. *Transactions, American Geophysical Union*, 38(6): 913-920.
- Strand, Philip C. 2006. Memo: Cedar Valley Project, review of subwatershed 503.0056. Sierra National Forest, Bass Lake Ranger District, North Fork, CA. 3pp.
- _____. 2008. Miami Creek Aquatics Review. Sierra National Forest Open-File Report, Sierra National Forest, Clovis, CA. 3p.
- _____. 2008a. Sugar Pine Adaptive Management Project – Aquatics Report. Open File Report, Sierra National Forest, Bass Lake Ranger District, North Fork, CA. 56pp.
- _____ and Janet Sanchez. 2010. Management Indicator Species Report for Motorized Travel Management. February. Sierra National Forest 120 pp.

- Stynes, Daniel J. and Eric M. White. 2005. Spending Profiles of National Forest Visitors, NVUM Four Year Report.
- _____. 2008. National forest visitor spending averages and the influence of trip-type and recreation activity. *Journal of Forestry*. Jan/Feb: 17-24.
- Suzuki, Y., Yuen, S., Ashley, R. 2005. Short, thin asbestos fibers contribute to the development of human malignant mesothelioma: pathological evidence. *International Journal of Hygiene and Environmental Health*, 208, 201-210.
- Switalski, T.A., J.A. Bissonette, T.H. DeLuca, C.H. Luce, and M.A. Madej. 2004. Benefits and impacts of road removal. *Frontiers in Ecology and the Environment* 2004, 2(1): 21-28.
- Tarnay, L., Gertler, R.R., Blank, G.E., & Taylor Jr. 2001. Preliminary measurements of summer nitric acid and ammonia concentration in the Lake Tahoe Basin air-shed: implications for dry deposition of atmospheric nitrogen. *Environmental Pollution*, 113, 145-153.
- Taylor, Richard B. 2001. The effects of off-road vehicles on ecosystems. Unpublished white paper. 12pp.
- Thomas, J.W.; Maser, C.; Rodiek, J.E. 1979. Riparian zones. In: Thomas, J.W., ed. *Wildlife habitats in managed forests: the Blue Mountains of Oregon and Washington*. Agric. Handb. 553. Washington, DC: U.S. Dept. of Agric., Forest Service: 40-47 and 104-127.
- Timossi, I.C. and E.L. Woodard, and R.H. Barrett. 1995. Habitat suitability models for use with ARC/INFO: Marten. Calif. Dept. of Fish and Game, CWHR Program, Sacramento, CA. CWHR Tech. Report No. 7. 24pp.
- Troendle, C.A., M.S. Wilcox, G.S. Bevenger, and L.S. Porth. 2001. The Coon Creek water yield augmentation project: implementation to timber harvesting technology to increase streamflow. *Forest Ecology and Management* 143 (2001) pp. 179-187.
- Trombulak, S.C., and C.A. Frissell. 2000. Review of Ecological Effects of Roads on Terrestrial and Aquatic Communities. *Conservation Biology* 14(1):18-30.
- Truex, R. L., Zielinski, W.J., Golightly, R.T., Barrett, R.L., and S.M. Wisely. 1998. A meta-analysis of regional variation in fisher morphology, demography, and habitat ecology in California (draft report submitted to California Department of Fish and Game). USDA Forest Service, Pacific Southwest Research Station, Redwood Sciences Lab, Fort Collins, Colorado.
- Truex, R.L. 2009. Personal communication with Kim Sorini, USDA Forest Service Biologist.
- Tuitele-Lewis, J. 2006. Personal observation. High Sierra Ranger District, Sierra National Forest, Prather, California.
- _____. 2008. Personal observation of *Hypericum perforatum* on the Sierra National Forest. High Sierra RD, Sierra National Forest, USDA Forest Service.
- United States Census Bureau. 1990 State and County Quick Facts. <http://quickfacts.census.gov>
- _____. 2000. State and County Quick Facts. <http://quickfacts.census.gov>.
- _____. 2006. State and County Quick Facts. <http://quickfacts.census.gov>.
- United States Department of Agriculture, Forest Service (USDA-FS).
- _____. 1974. National Forest Landscape Management Volume 2, Chapter 1: The Visual Management System. Agriculture Handbook Number 462.

- _____. 1975. Stream reach inventory and channel stability evaluation: a watershed management procedure. USDA Forest Service, Northern Region. R1-75-002. 26p.
- _____. 1977. ORV Plan, Sierra National Forest, USDA-FS, Pacific Southwest Region, Vallejo, California.
- _____. 1977a. Environmental Analysis Report of the Impact of Off-Road Vehicle Use on the Sierra National Forest. USDA-FS, Pacific Southwest Region, Vallejo, CA.
- _____. 1983; revised 2002. Water quality management for National Forest system lands in California (Best Management Practices). FSH 2509.22 Soil and Water Conservation Handbook.
- _____. 1986. Recreation Opportunity Spectrum (ROS) Users Guide
- _____. 1988. Forest Service Handbook 2509.22, Chapter 10, R1/R4 Amendment 1. May, 1988. Soil and water conservation practices.
- _____. 1990. R-5 FSH 2509.22 – Soil and Water Conservation Handbook, Region 5 Amendment No. 2., Chapter 20. Sierra National Forest, Clovis, CA. 32 pgs.
- _____. 1991. Sierra National Forest Land and Resource Management Plan. USDA-FS, Pacific Southwest Region, Vallejo, California,
- _____. 1991a. Final Environmental Impact Statement. Sierra National Forest Land and Resource Management Plan. USDA-FS, Pacific Southwest Region., Vallejo, California.
- _____. 1991b. National Soil Management Handbook, Forest Service Handbook. 2509.18-91-1
- _____. 1992. Watershed Improvement Plan – Miami Watershed. Mariposa Ranger District, Sierra National Forest. Mariposa and Madera Counties. Prepared FY92. SNF Open File Report, North Fork, CA. 25p.
- _____. 1993. Sound Levels of Five Motorcycles Traveling Over Forest Trails, USDA, Forest Service Technology and Development Program, March 1993.
- _____. 1995. Landscape Aesthetics: A Handbook for Scenery Management. Agriculture Handbook Number 701.
- _____. 1995a. National Soil Management Handbook, Handbook 2509.18. Pacific Southwest Region, Supplement No. 2509.18-95-1. 10 pp.
- _____. 1995b. Sierra National Forest Land and Resource Management Plan Amendment. An Environmental Assessment of Utilization Standards for Determining Proper Use of Available Forage for Commercial Livestock.
- _____. 1995c. Landscape Analysis Plan, Kings River Administrative Study. Sierra National Forest, Kings River Ranger District, Prather, CA. 117 p.+ Appendices
- _____. 1996. Sierra Nevada Ecosystem Project, Final Report to Congress. 1996. Volumes 1-111 and addendum.
- _____. 1997. Goshawk Network Management Guidelines. Sierra National Forest. July 1, 1997 Revised: August 18, 1997.
- _____. 1998. Pacific Southwest Region. Pacific Southwest Region sensitive species list. June 10.
- _____. 1999. Soil Interpretations. USDA-FS, Pacific Southwest Region. San Francisco, California.

- _____. 2000. Water Quality Management for Forest System Lands in California: Best Management Practices. USDA Forest Service, Pacific Southwest Region. September 2000. 186p.
- _____. 2000a. Survey Protocol for the Northern Goshawk in the Pacific Southwest Region. September.
- _____. 2000b. Forest Service Roadless Area Conservation Final Environmental Impact Statement Biological Evaluation for Threatened, Endangered and Proposed Species and Sensitive Species. Written by Seona Brown and Ron Archuleta and signed on 11/13/2000. Unpublished. 90 pages.
- _____. 2001. Sierra Nevada Forest Plan Amendment. Final Environmental Impact Statement, Record of Decision, USDA Forest Service, Pacific Southwest Region, Jan 2001.
- _____. 2001a Errata changing the elevation band of the Pacific Fisher.
- _____. 2003. National Visitor Use Monitoring Results. Sierra National Forest. USDA-FS, Pacific Southwest Region, Vallejo, California.
- _____. 2003a USDA Forest Service. 2003. Assessing the cumulative effects of linear recreation routes on wildlife habitats on the Okanogan and Wenatchee National Forests. Pacific Northwest Research Station General Technical Report 586. Written by Williams L. Gaines, Peter H. Singleton, and Roger C. Ross. USDA FS, PNW Research Station, Portland, Oregon. November 2003. 79pp.
- _____. 2004. “Four Key Threats to the Health of the Nation’s Forests and Grasslands” speech by Forest Service Chief Dale Bosworth. June 2004.
- _____. 2004a. Sierra Nevada Forest Plan Amendment Record of Decision and Final Supplemental Environmental Impact Statement. USDA Forest Service, Pacific Southwest Region. R5-MB-046. Vallejo, CA 492pp + 72 pp (ROD). January 7.
- _____. 2004b Pacific Southwest Regional Native Plant Survey
- _____. 2005. Policy for Section 106 of the NHPA Compliance in Travel Management: Designated Routes for Motor Vehicle Use. On file, USDA Forest Service, Pacific Southwest Region, Vallejo, California.
- _____. 2006. Programmatic Agreement among the U.S.D.A. Forest Service, Pacific Southwest Region, U.S.D.A. Forest Service, Intermountain Region’s Humboldt-Toiyabe National Forest, 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 Designating Motor Vehicle Routes and Managing Motorized Recreation on the National Forests in California. On file, USDA Forest Service, Pacific Southwest Region, Vallejo, California.
- _____. 2006a Pacific Southwest Region Sensitive Species List. Vallejo, CA.
- _____. 2006b. Sierra National Forest Species Watch List, Sierra National Forest Supervisor’s Office, Clovis, CA.
- _____. 2006c. Sierra National Forest Business Plan. Vallejo, CA.
- _____. 2007. USDA Forest Service Strategic Plan FY2007-2012. FS-880, Washington DC. 32p.
- _____. 2007a. Record of Decision, Sierra Nevada Forests Management Indicator Species Amendment. U.S. Forest Service, Pacific Southwest Region. December, 2007, 18pp.

- _____. 2008. National Visitor Use Monitoring Results: Sierra National Forest, data collected FY 2002 and 2007, USDA Forest Service, Pacific Southwest Region, Sierra National Forest, November 2, 2008. www.fs.fed.us/recreation/programs/nvum
- _____. 2008a. Kings River Project. Sierra National Forest, Clovis, CA.
- _____. 2008b. Sierra Nevada Forests Bioregional Management Indicator Species (MIS) Report: Life History and Summary of the Status and Trend of Management Indicator Species for 10 Sierra Nevada 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. 128pp.
- _____. 2009. LMP Standard and Guideline #129 Letter of Correction. USDA-FS, Pacific Southwest Region, Sierra National Forest. Clovis, California. 3 pp.
- _____. 2009a. INFRA Travel Route Corporate Database. Accessed October 2009.
- _____. 2009b. Environmental Impact Statement for Travel Management on the Modoc National Forest. Information from terrestrial section.
- United States Department of Interior Bureau of Land Management (USDI-BLM). 1998. Riparian Area Management: A user guide to assessing Proper Functioning Condition and the supporting science for lotic areas. TR-1737-15. 126p.
- _____. 1998b. Riparian area management, process for assessing proper functioning condition. TR 1737-9 1993. US Dept of the Interior, BLM, Service Center, P.O. Box 25047, Denver, CO 80225-0047. 51 pp.
- United States Department of Interior Fish and Wildlife Service (USDI-USFWS). 1970. Federal Register Vol. 35, p. 16047. Listing of endangered species (LCT).
- _____. 1992. Federal Register, Vol.57, No. 193, 45761-62. Endangered and threatened wildlife and plants: 90 day finding and commencement of status review for a petition to list the western pond turtle and California red-legged frog.
- _____. 1995. Lahontan cutthroat trout recovery plan. U.S. Fish and Wildlife Service. Portland, Oregon. 147pp.
- _____. 1996. Findings for California red-legged frog. Federal Register, Vol. 61, No. 101, p. 25813.
- _____. 2004. Fisher U.S. Fish and Wildlife Service (USFWS) 2004. Endangered and Threatened Wildlife and Plants; 12-month Finding for a Petition to List the West Coast Distinct Population Segment of the Fisher (*Martes pennant*); Proposed Rule. Federal Register 69:18770-18792.
- _____. 2005. Revised Guidance on Site Assessments and Field Surveys for the California Red-legged Frog.
- _____. 2006. Route Designation: Project Design Criteria for “No effect” or “May Affect Not Likely to Adversely Affect” determination for TE Species – October 2006 version 1.
- _____. 2006a. 12-month Finding for a Petition to List the California Spotted Owl (*Strix occidentalis occidentalis*) as Threatened or Endangered. Federal Register 71 (100): 29886-29908.
- _____. 2007. Route Designation: Project Design Criteria for “No effect” or “May Affect Not Likely to Adversely Affect” determination for TE Species.

- _____. 2008. Federal Endangered and Threatened Species that may be affected by Projects in the Sierra National Forest. Database last updated September 13, 2008.
http://sacramento.fws.gov/es/spp_lists/NFFormPage.htm (Accessed 1/23/2009)
- United States Environmental Protection Agency (EPA). 1991. Monitoring guidelines to evaluate effects of forestry activities on streams in the Pacific Northwest and Alaska. Center for Streamside Studies in Forestry, Fisheries and Wildlife, College of Forest Resources/College of Ocean and Fishery Sciences, University of Washington, Seattle, Washington.
- _____. 2005. "Visibility." <http://www.epa.gov/oar/visibility/what.html> , last updated July 16, 2005. Accessed July 2005
- _____. 2007. Climate Change Science-State of Knowledge. Retrieved from:
<http://www.epa.gov/climatechange/science/stateofknowledge.htm>
- _____. General Conformity Website(<http://www.epa.gov/oar/genconfom/> Accessed March 2010
- U.S. Geological Survey. 2005. Mineral Resources Data System: U.S. Geological Survey, Reston, Virginia. <http://tin.er.usgs.gov/mrds/>. Accessed January 7, 2009.
- VanCuren, R.A., and Cahill, T. 2002. Asian aerosols in North America: Frequency and concentration of fine dust, *J. Geophys. Res.*, 107(D24), 4804, doi:10.1029/2002JD002204
- VanCuren, R. A. 2003. Asian aerosols in North America: Extracting the chemical composition and mass concentration of the Asian continental aerosol plume from long-term aerosol records in the western United States, *J. Geophys. Res.*, 108(D20), 4623, doi:10.1029/2003JD003459.
- Van Gelder, J.J. 1973. A quantitative approach to the mortality resulting from traffic in a population of *Bufo bufo*. *L. Oecologia* 13: 93-95.
- Verner, Jared. Kevin S. McKelvey, Barry R. Noon, R.J. Guitierrez, Gordon I. Gould, Jr., Thomas W. Beck. Technical Coordinators. 1992. The California spotted owl: a technical assessment of its current status. Gen. Tech. Rep. PSW-GTR-133. Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture. 285p.
- Vinson, M. 2008. Aquatic invertebrate report for samples collected in 2007 from the Lewis and Big Creek drainages, Madera and Mariposa counties, California. Report prepared by USDI Bureau of Land Management, National Aquatic Center, Logan, Utah.
- Vos, C.C., and J.P. Chardon. 1998. Effects of habitat fragmentation and road density on the distribution pattern of the moor frog *Rana arvalis*. *Journal of Applied Ecology*, 1998, 35, pp. 44-56.
- Vredenburg, V.T., R. Bingham, R. Knapp, J. A. T. Morgan, C. Moritz, and D. Wake. 2007. Concordant molecular and phenotypic data delineate new taxonomy and conservation priorities for the endangered mountain yellow-legged frog. *Journal of Zoology* 271 (2007) 361–374.
- Waananen A. O. and J.R. Crippen. 1977. Magnitude and frequency of floods in California. U.S. Geological Survey. Water Resources Investigation 77-21. Menlo Park, CA. p 96.
- Warburton, M., R. Fisher, and S. Hathaway. 2004. 2000-2002 Anza-Borrego Desert State Park Amphibian Surveys. Prepared for the California State Parks, Anza-Borrego Desert State Park. U.S. Department of the Interior, U.S. Geological Survey, Western Ecological Research Station.

- Wasser, S.K.; Bevis, K.; King, G.; Hanson, E. 1997. Noninvasive physiological measures of disturbance in the northern spotted owl. *Conservation Biology*. 11(4): 1019-1022.
- Watson, Mark L. - compiler. 2005. *Habitat Fragmentation and the Effects of Roads on Wildlife and Habitats*. Background and literature review, Conservation Services Division of the New Mexico Department of Game and Fish. 18 pp.
- Wellman, J.C., D.L. Combs, and S.B. Cook. 2000. Long term impacts of bridge and culvert construction or replacement on fish communities and sediment characteristics of streams. *Journal of Freshwater Ecology* 15:317-328.
- Welsh, H.H., and O.M. Ollivier. 1998. Stream amphibians as indicators of ecosystem stress: a case study for California's redwoods. *Ecological Applications*, 8(4), pp. 1118-1132.
- Welsh, M.J., L.H. MacDonald, E. Brown, and Z. Libohova. 2006. Erosion and sediment delivery from unpaved roads and off-highway vehicles (OHV). *Eos Trans., AGU*, 87(52), Fall Meeting Suppl., Abstract B23B-1086.
- Wemple, Beverly C., Julia A. Jones, and Gordon E. Grant. 1996. Channel network extension by logging roads in two basins, western Cascades, Oregon. *Water Resources Bulletin*, 32(6):1195-1207.
- Wildlands CPR, and Wild Utah Project. 2006. *Best Management Practices for Off-Road Vehicle Use on Forestlands - A Guide for Designating and Managing Off-Road Vehicle Routes*. T.A. Switalski and A. Jones, eds. Wildlands CPR, Missoula, MT. 50p. Available via: http://www.wildlandscpr.org/files/ORV_BMP_2008.pdf (accessed April 3, 2009).
- Wilshire, H.G., Shipley, S., and J.K. Nakata. 1978. Impacts of Off-road Vehicles on Vegetation. *Transactions of the 43rd North American wildlife and Natural Resources Conference*, 1978. Wildlife Management Institute, Washington, D.C. 10 p.
- Winget, R.N. and F.A. Mangum. 1979. Biotic condition index: integrated biological, physical and chemical stream parameters for management. U.S. Forest Service Intermountain Region, U.S. Department of Agriculture, Odgen, Utah.
- Winter, Jon. 1981. Some aspects of the ecology of the great gray owl in the Central Sierra Nevada. Supported by the USFS, Stanislaus National Forest contract #43-2276. Final Report. January.
- _____. 1982. Further Investigations on the Ecology of the Great Gray Owl in the Central Sierra Nevada. Supported by the USFS, Stanislaus National Forest contract #43-2348. Final Report. February.
- Wisdom, Michael J., Richard S. Holthausen, Barbara C. Wales, Christina D. Hargis, Victoria A. Saab, Danny C. Lee, Wendel J. Hann, Terrell D. Rich, Mary M. Rowland, Wally J. Murphy, and Michelle R. Eames. 2000. *Source Habitats for Terrestrial Vertebrates of Focus in the Interior Columbia Basin: Broad-scale Trends and Management Implications*. Volume 1 – Overview. Gen. Tech. Rep. PNW-GTR-485. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 3 vol. (Quigley, Thomas M., tech. ed.; Interior Columbia Basin Ecosystem Management Project: Scientific Assessment).
- _____. and H. K. Preisler, N. J. Cimon, B. K. Johnson. 2004. Effects of Off-Road Recreation on Mule Deer and Elk. *Transactions of the North American Wildlife and Natural Resources Conference* 69: in press.

- World Health Organization (WHO). 2003. Health Aspects of Air Pollution with Particulate Matter, Ozone and Nitrogen Dioxide. Report on a WHO Working Group. Bonn, Germany.
- Yanev. K.P. 1980. Biogeography and distribution of three of three parapatric salamander species in coastal and borderland California. Pp. 531–550. In Power, D.M. (Ed.), The California Islands: Proceedings of a Multidisciplinary Symposium. Santa Barbara Museum of Natural History, Santa Barbara, California.
- Zabel, C.J., Steger, G.N., McKelvey, K.S., Eberlein, G.P., Noon, B.R., and Verner, J. 1992. Home-range size and habitat-use patterns of California spotted owls in the Sierra Nevada. U.S. For. Serv. Gen. Tech.Rep. No. PSW-GTR-133. pp. 149-164.
- Zeiner D.C. et al. 1988. California's wildlife vol.1. Amphibians and reptiles. California Statewide Wildlife Habitat Relationships System, California Department of Fish and Game, Sacramento, CA.
- Zeiner, David C., William F. Laudenslayer Jr., Kenneth E. Mayer and Marshall White. 1990. California's Wildlife, Volume II, Birds. California Statewide Wildlife Habitat Relationships System. State of California, The Resources Agency, Department of Fish and Game. Sacramento, CA. November.
- Ziegler, Alan, Ross Sutherland, and Thomas Giambelluca. 2001. Interstorm surface preparation and sediment detachment by vehicle traffic on unpaved mountain roads. Earth Surface Processes and Landforms, 26: 235-250.
- _____. and AD, JN Negishi, RC Sidle, T Gomi, S Noguchi, and AR Nik. 2007. Persistence of road runoff generation in a logged catchment in Peninsular Malaysia. Earth Surface Processes and Landforms, 32: 1947-1970.
- Zielinski W.J., Kucera, T.E. (Eds). 1995. American Marten, Fisher, Lynx, and Wolverine: Survey Methods for their Detection. USDA Forest Service, Pacific Southwest Research Station, General Technology Report PSW-GTR-157.
- _____. and J., N.P. Duncan, E.C. Farmer, R.L. Truex, A.P. Clevenger, and R.H. Barrett. 1999. Diet of fishers (*Martes pennanti*) at the southern most extent of their range. Journal of Mammalogy 80 (3): 961-969.
- _____. 2006. Personal communication: email on review of CWHR types for fisher habitat for the Sierra National Forest.
- _____. and Keith Slauson and Ann Bowles. 2008. Effects of Off-Highway Vehicle Use on the American Marten. The Journal of Wildlife Management. 72 (7) 1558-1571.
- Zwiefel, R. G. 1955. Ecology, distribution, and systematics of frogs of the *Rana boyleii* group. Univ. California Publ. Zool. 54:207-292.