

REFERENCES

- Apple, L. L. (1985). Riparian Habitat Restoration and Beavers. In *Riparian Ecosystems and Their Management: Reconciling Conflicting Uses*. (USDA Forest Service General Tech. Report RM-120). Fort Collins: Rocky Mountain Forest and Range Experiment Station.
- Bahre, C. J., & Shelton, M. L. 1993. Historic vegetation change, mesquite increases, and climate in southeastern Arizona. *Journal of Biogeography*, **20**, 489-504.
- Baker, V. R. 2000. Science, Engineering, and the Perception of Environmental Restoration. *Arizona Law Review*, **42**, 287-295.
- Barkdoll, B.D., Ettema, R., & Odgaard, A.J. 1997. Flow and sediment processes at alluvial channel diversions. In *Proceedings of the Conference on Management of Landscapes Disturbed by Channel Incision* [Wang, Langendoen, & Shields, Jr., eds.].
- Belsky, A. J. 1996. Viewpoint: Western juniper expansion: Is it a threat to arid northwestern ecosystems? *Journal of Range Management*, **49**, 53-59.
- Belsky, A. J., Matzke, A., & Uselman, S. 1999. Survey of livestock influences on stream and riparian ecosystems in the western United States. *Journal of Soil and Water Conservation*, **54**, 419-431.
- Beschta, R.L., Rhodes, J. J., Kauffman, J. B., Gresswell, R.E., Minshall, G.W., Karr, J.R., Perry, D.A., Hauer, F.R., & Frissell, C.A. 2004. Postfire Management on Forested Public Lands of the Western United States. *Conservation Biology*, **18**, 957-967.
- Betancourt, J. L. 1996. Long- and short-term climate influences on southwestern shrublands. In *Proceedings: Shrubland Ecosystem Dynamics in a Changing Environment* [conference, Las Cruces, NM, May 23-25, 1995], pp. 5-9. Intermountain Research Station, Ogden, UT.
- Betancourt, J. L., Pierson, E. A., Rylander, K.A., Fairchild-Parks, J.A., & Dean, J.S. 1993. Influence of History and Climate on New Mexico Pinon-Juniper Woodlands. In *Proceedings: Managing Pinyon-Juniper Ecosystems for Sustainability and Social Needs* (Santa Fe, NM), pp. 42-62. [USDA Forest Service General Technical Report RM-236].
- Bingaman, J. 2006. *The Civilian Conservation Corps, or CCC*.
Online at: <http://bingaman.senate.gov/features/ccc/history.cfm> [accessed December 18, 2006].
- Black, R.F. 1927. *Gila River Investigation: Report on the Possibilities of Irrigation and Electrical Power Development in Grant County, New Mexico*. [unpublished report prepared for the State Engineer, New Mexico.]
- Bloom, L. B. (Ed.). 1945. From Lewisburg to California in 1849: Notes from the Diary of William H. Chamberlin. *New Mexico Historical Review*, **20**, 144-180.
- Bosch, J. M. & Hewlett, J.D. 1982. A review of catchment experiments to determine the effect of vegetation changes on water yield and evapotranspiration. *Journal of Hydrology*, **55**, 3-23.

- Boucher, P.F., Block, W.M., Benavidez, G.V., & Wiebe, L.E. 2000. Implementing the expanded prescribed fire program on the Gila National Forest, New Mexico: implications for snag management. In *Fire and Forest Ecology: Innovative Silviculture and Vegetation Management* (W.K. Moser & C.F. Moser, eds.), pp. 104-113. Proceedings of the Tall Timbers Fire Ecology Conference, No. 21. Tallahassee, FL.
- Briggs, M. October 1999. Benefiting from Past Experiences: Lessons Gained from the Experiences of Past Riparian Recovery Efforts. In *Riparian Ecosystem Restoration in the Gila River Basin: Opportunities and Constraints*, pp. 3-10. [Workshop proceedings, April 1999: University of Arizona Water Resources Research Center Issue Paper #21.] Tucson, AZ.
- Civilian Conservation Corps Alumni. 2000. *Index of States/Camps Listings*. Online at: <http://www.cccalumni.org/states/newmexico1.html> [accessed August 14, 2006].
- Brinson, M.M. & Rheinhardt, R. 1996. The role of reference wetlands in functional assessment and mitigation. *Ecological Applications*, **6**, 69-76.
- Brown, S.C., & Bedford, B.L. 1997. Restoration of wetland vegetation with transplanted wetland soil: An experimental study. *Wetlands*, **17**, 424-437.
- Bryan, K. 1925. Date of Channel Trenching (Arroyo Cutting) in the Arid Southwest. *Science*, **62**, 338-344.
- Bureau of Land Management. 2005. *History*. Online at: <http://www.blm.gov/nhp/facts/index.htm#history> [accessed September 22, 2006.]
- Burke, A. 2004. Keepers of the Flame. *High Country News*, **36**, No. 21.
- Cable, D. R. 1967. Fire effects on semidesert grasses and shrubs. *Journal of Range Management*, **20**, 170-176.
- Calvin, R. 1946. *River of the Sun: Stories of the Storied Gila*. Albuquerque, NM: University of New Mexico Press.
- Camarena, A. 1997. *Analysis of Designated Uses for Stream Reaches*. Gila National Forest [unpublished document 1/16/1997].
- Campbell, C. J., & Green, W. (1968). Perpetual succession of stream-channel vegetation in a semiarid region. *Journal of the Arizona Academy of Science*, **5**, 86-98.
- Chaney, E., Elmore, W., & Platts, W. S. 1993. *Livestock Grazing on Western Riparian Areas*. [Report for the U.S. EPA.] Eagle, ID: Northwest Resource Information Center.
- Christiansen, Paige W. 1974. *The Story of Mining in New Mexico*. New Mexico Bureau of Mines and Mineral Resources, Socorro, NM.
- City of Flagstaff. 2006. *Cityscape* [report on "Wood Campus Cluster"]. Winter 2006, p. 5
- Clarke, D. L. (ed). 1966. *The Original Journals of Henry Smith Turner*. Norman, OK: University of Oklahoma Press.

- Conner, D. J. 1956. *Joseph Reddeford Walker and the Arizona Adventure*. D. J. Berthong & O. Davenport (Eds.). Norman OK: University of Oklahoma Press (pp. 31–61.)
- Cooper, A.B. 1990. Nitrate depletion in the riparian zone and stream channel of a small headwater catchment. *Hydrobiologia*, **202**, 13-26.
- Corle, E. 1951. *The Gila, River of the Southwest*. Lincoln, NE: University of Nebraska Press.
- Covington, W. W. & Moore, M. M. 1994. Postsettlement changes in natural fire regimes and forest structure: ecological restoration of old-growth ponderosa pine forests. *Journal of Sustainable Forestry* **2**, 153-181.
- Davis, E. A. 1984. Conversion of Arizona Chaparral to Grass Increases Water Yield and Nitrate Loss. *Water Resources*, **20**, 1643-1649.
- Dobyns, H. F. 1981. *From Fire to Flood: Historic Human Destruction of Sonoran Desert Riverine Oases*. Socorro, NM: Ballena Press.
- Dorn, N.J. & Mittelbach, G.G. 1999. More than Predator and Prey: A Review of Interactions between Fish and Crayfish. *Vie et Milieu*, **49**, 229-237.
- Duce, J. T. 1918. The Effect of Cattle on the Erosion of Canyon Bottoms. *Science*, **47**, 450-452.
- Eldridge, O.C. October 1955. How First Elk Herd Was Brought to Arizona. *The Meteor*, Winslow AZ.
- Emory, W.H. 1848 [1951]. *Notes of a Military Reconnaissance*. [As reprinted in *Lieutenant Emory Reports*., R. Calvin, ed.] Albuquerque: University of New Mexico Press.
- Federal Interagency Stream Restoration Working Group. 1998. *Stream Corridor Restoration: Principals, Processes, and Practices*.
- Gardner, T. W. 1983. Experimental study of knickpoint and longitudinal profile evolution in cohesive, homogeneous material. *Geological Society of America Bulletin*, **94**, 664-672.
- Gibson, E. 2006. *Kid Curry*. [website]. Online at <http://hometown.aol.com/Gibson0817/KidCurry.htm> (accessed September 12, 2006).
- Gila Resources Information Project. Fall 2006. A Clean Legacy? [*GRIP Newsletter*, No. 12, pp. 1,5].
- Graf, W. L. 1988. Applications of catastrophe theory in fluvial geomorphology. In Knighton, D. [Ed.], *Fluvial Forms and Processes: A new perspective*. London: Arnold.
- Grant Soil Conservation District and Upper Gila Watershed District. 1959. *Work Plan for Watershed Protection and Flood Prevention, Upper Gila Valley Arroyos Watershed No. 1*. Grant County, NM.
- Griffis, K.L., Crawford, J.A., Wagner, M.R., & Moir, W.H. 2001. Understory response to management treatments in northern Arizona ponderosa pine forests. *Forest Ecology & Management*, **146**, 239-245.

- Groeneveld, D.P. & Griepentrog, T.E. 1985. Interdependence of Groundwater, Riparian Vegetation, and Streambank Stability: A Case Study. In *Riparian Ecosystems and Their Management: Reconciling Conflicting Uses*. (USDA Forest Service General Tech. Report RM-120). Fort Collins: Rocky Mountain Forest and Range Experiment Station.
- Hansen, H. 2003. *Food Habits of the North American River Otter (Lontra canadensis)*. Department of Zoology and Physiology, University of Wyoming.
- Helms, D. 1985. The Civilian Conservation Corps: Demonstrating the Value of Soil Conservation. *Journal of Soil and Water Conservation*, **40**, 184-188.
- Hennessy, J. T., Gibbens, R. P., Tromble, J. M., & Cardenas, M. 1983. Vegetation changes from 1935 to 1980 in mesquite dunelands and former grasslands of southern New Mexico. *Journal of Range Management*, **36**, 370-377.
- Herrick, J.E., Van Zee, J. W., Havstad, K. M., Burkett, L. M., & Whitford, W. G. 2005. *Monitoring Manual for Grassland, Shrubland and Savanna Ecosystems*. Las Cruces, NM: USDA-ARS Jornada Experimental Range.
- Higgins, C.G., Hill, B. R., & Lehre, A. K. 1990. Gully development. In *Groundwater Geomorphology* (C.G. Higgins & D. R. Coates, eds.). [Geological Society of America Special Paper 252.]
- Hill, A., Pieper, R.D., & Southward, G. M. 1992. Habitat-type classification of the pinon-juniper woodlands in western New Mexico. *New Mexico State University Agricultural Experiment Station Bulletin*. **766**: 1-80.
- Holechek, J.L., Baker, T.T., & Boren, J.C. 2005. *Impacts of Controlled Grazing Versus Grazing Exclusion on Rangeland Ecosystems: What We Have Learned*. [Range Improvement Task Force Report No. 57.] Las Cruces, NM: New Mexico State University Agricultural Experiment Station.
- Jameson, D. A. 1967. The relationship of tree overstory and herbaceous understory vegetation. *Journal of Range Management*, **20**, 247-249.
- Johnson, C.A., Bubenzer, G. D., Lee, G.B., Madison, F.W., & McHenry, J.R. 1984. Nutrient trapping by sediment deposition in a seasonally flooded lakeside wetland. *Journal of Environmental Quality*, **22**, 283-289.
- Klapproth, J.C. & Johnson, J. E. 2000. *Understanding the Science Behind Riparian Forest Buffers: Effects on Water Quality*. Virginia Cooperative Extension: Blacksburg, VA.
- Kroeger, T., Casey, F., & Haney, C. Reintroduction of the Mexican wolf (*Canis lupus baileyi*) to the Southwestern United States: An economic perspective. [Paper presented at the 18th Annual North American Wolf Conference, Chico Hot Springs, MT, April 2006.]
- Leonard, S., Kinch, G., Elsbernd, V., Borman, M., & Swanson, S. 1997. *Riparian Area Management*. [BLM Technical Reference 1737-14.] Denver, CO: Bureau of Land Management National Applied Sciences Resource Center.

- Leopold, L.B., Wolman, M.G., & Miller, J. P. 1964. *Fluvial Processes in Geomorphology*. San Francisco: W.H. Freeman & Co.
- Ligon, J.S. 1927. *Wildlife of New Mexico, Its Conservation and Management*. Santa Fe, NM: NM Department of Game and Fish (pp. 71-72).
- Lodge, D.M., Kershner, M.W., & Aloï, J.E. 1994. Effects of an omnivorous crayfish (*Orconectes rusticus*) on a freshwater littoral food web. *Ecology*, **75**, 1265-1281.
- Lower Pecos River Watershed Alliance. 2005. *Lower Pecos River Watershed Alliance Strategy Plan* [interim final draft]. Santa Fe, NM.
- Lyon, J.G. 1993. *Practical Handbook for Wetland Identification and Delineation*. Boca Raton, FL: Lewis Publishers.
- McIver, J.D., & Starr, L. 2000. *Environmental effects of postfire logging: Literature review and annotated bibliography*. [General technical report PNW-GTR-486.] Portland, OR: USDA Forest Service.
- McKinstry, M.C., Caffrey, P., & Anderson, S. H. 2001. The importance of beaver to wetland habitats and waterfowl in Wyoming. *Journal of the American Water Resources Association*, **37**, 1571-1577.
- Medina, A.L. & Rinne, J.N. 1999. Ungulate/Fishery Interactions in Southwestern Riparian Ecosystems: Pretensions and Realities. In *Transactions of the Sixty-fourth North American Wildlife and Natural Resource Conference* [Burlingame, CA, March 1999]. Washington, D.C.: Wildlife Management Institute.
- Miller, M. E. 1999. Use of historic aerial photography to study vegetation change in the Negrito Creek watershed, southwestern New Mexico. *The Southwestern Naturalist*, **44**, 121-137.
- Miller, R.F., & Wigand, P.E. 1994. Holocene Changes in Semiarid Pinyon-Juniper Woodlands. *BioScience*, **44**, 465-474.
- Minckley, W. L., & Brown, D.E. 1982. Wetlands. In *Biotic Communities of the American Southwest—United States and Mexico*, special issue of *Desert Plants*, Vol. 4 (D. E. Brown, Ed.).
- Mogollon Mines*. 1916. An Immense Agricultural Pastoral and Mineral Estate. The Gila Farm Company. Mogollon, NM [7th annual edition].
- Moir, W.H., Ludwig, J.A., & Scholes, R.T. 2000. Soil erosion and vegetation in grasslands of the Peloncillo Mountains, New Mexico. *Journal of the Soil Science Society of America*, **64**, 1055-1067.
- Muldavin, E., Durkin, P., Bradley, M., Stuever, M., & Mehlhop, P. 2000. *Handbook of Wetland Vegetation Communities of New Mexico (Vol. 1)*. Albuquerque: New Mexico Natural Heritage Program, University of New Mexico.
- Naiman, R.J., Johnston, C.A., & Kelly, J.C. 1988. Alteration of North American streams by beaver. *Bioscience*, **3**, 753-762.

- Nanson, G. C. 1986. Episodes of vertical accretion and catastrophic stripping: a model of disequilibrium flood-plain development. *Geological Society of America Bulletin*, **97**, 1467-1475.
- National Oceanographic and Atmospheric Agency. 2006. *National Weather Service Climate Prediction Center Palmer Drought Severity Index Maps*. Online at: http://www.cpc.ncep.noaa.gov/products/monitoring_and_data/drought.shtml [accessed Aug 30, 2006].
- Natural Resources Conservation Service. 2005. *Riparian Restoration in New Mexico*. Online at: <http://www.nrcs.usda.gov/NEWS/thisweek/2005/031605/taylorcreek.html> [accessed October 20, 2006]
- Natural Resource Conservation Service. 2004. *Snotel Data, Silver Creek Divide Station, NM*. Online at: <http://www.wcc.nrcs.usda.gov/snotel/snotel.pl?sitenum=757&state=nm> [accessed June 12, 2005]
- New Mexico Department of Game and Fish. 2006. *Comprehensive Wildlife Conservation Strategy for New Mexico*. Santa Fe: NM Department of Game & Fish. Online at: http://fws-nmcfwru.nmsu.edu/cwcs/New_Mexico_CWCS.htm
- New Mexico Energy, Minerals, and Natural Resources Department, 2005. *State reduces bonding requirement for Phelps Dodge Tyrone mine by \$32 million. [Press release.]* Online at: <http://www.emnrd.state.nm.us/main/PDTyroneFA122005nr.swf> [accessed December 3, 2006]
- New Mexico Environment Department. 2006a. A Watershed Approach to Restoring Wetlands. *Clearing the Waters*, **11**, No. 2, pp. 1–2.
- New Mexico Environment Department. 2006b. *Request for Proposals – FY 2007 Federal Clean Water Act Section 319(h) Nonpoint Source Grant*. [RFP posted until October 2, 2006 on NMED website.]
- New Mexico Environment Department, 2006c. *State of New Mexico Nonpoint Source Management Program 2005 Annual Report*. Santa Fe: NMED Watershed Protection Section.
- New Mexico Environment Department, 2006d. *Water Quality Standards*. Online at: <http://www.nmenv.state.nm.us/swqb/Standards> [accessed September 4, 2006].
- New Mexico Environment Department. 2005a. *Quality Assurance Project Plan for Water Quality Management Programs*, Santa Fe, NM. Online at: <http://www.nmenv.state.nm.us/swqb/QAPP/QAPP2005-APPROVED.pdf> [accessed July 27, 2005].
- New Mexico Environment Department. 2005b. Vegetation and Hillslope Erosion Key to Mangas Creek Water Quality Study. *Clearing the Waters*, **10**, No. 2, pp. 5–7.
- New Mexico Environment Department. 2004a. *Record of Decision (ROD) for the 2004–2006 State of New Mexico §303(d)/§305(b) Integrated List for Assessed Surface Waters*. Santa Fe: NMED Surface Water Quality Bureau. Online at:

<http://www.nmenv.state.nm.us/wqcc/303d-305b/2004/AppendixB/2004-2006ROD.pdf>
[accessed August 2006].

New Mexico Environment Department, 2004b. *State of New Mexico Nonpoint Source Management Program 2003 Annual Report*. Santa Fe: NMED Watershed Protection Section.

New Mexico Environment Department, 2001. *New Mexico Total Maximum Daily Loads List*. Santa Fe, NM. Online at: <http://www.nmenv.state.nm.us/swqb/TMDL/list.html> [accessed July 25, 2005].

New Mexico Environment Department. 2000. *New Mexico 2000 Wetlands Conservation Plan*. Santa Fe, NM: NMED Surface Water Quality Bureau. Online at: <http://www.nmenv.state.nm.us/swqb/wetlandsplan-2000.html>

New Mexico Environment Department, 1999. *New Mexico Nonpoint Source Management Program*. Santa Fe, NM. Online at: http://www.nmenv.state.nm.us/swqb/NPS_Management_Plan-1999.pdf [accessed July 28, 2005].

New Mexico Office of the State Engineer. 2006. *Regulations on Domestic Wells Response to Common Issues and Concerns*. Online at: <http://www.ose.state.nm.us/PDF/RulesRegsGuidelines/DomesticWells/DomWells-Issues-2006-09-19.pdf>

New Mexico Office of the State Engineer/Interstate Stream Commission. 2006. *Briefing on Upper Gila River Settlement Decision Process-July 2006*. Available at http://www.ose.state.nm.us/isc_colorado_gila_sanfran_committee_info.html [accessed October 4, 2006].

New Mexico State Land Office. 2006. *SLO History*. Online: <http://www.nmstatelands.org/GetPage.aspx?sectionID=16&PagID=71> [accessed September 4, 2006.]

New Mexico Water Quality Control Commission. 2006a. *State of New Mexico Standards for Interstate and Intrastate Surface Waters (20.6.4 NMAC)* [as amended through March 2006]. Santa Fe, NM. Online at: <http://www.nmcpr.state.nm.us/nmac/parts/title20/20.006.0004.pdf> [accessed August 4, 2006].

New Mexico Water Quality Control Commission. 2006b. *Guidelines for Water Quality Control Commission Regulation Hearings*. Online at: <http://www.nmenv.state.nm.us/wqcc/WQCC1993Guidlines.pdf>.

New Mexico Water Quality Control Commission. 2005. *State of New Mexico Standards for Interstate and Intrastate Surface Waters (20.6.4 NMAC)* [as amended through July 17, 2005]. Santa Fe, NM. Online at: http://www.nmenv.state.nm.us/NMED_regs/swqb/20_6_4_nmac.html [accessed July 29, 2005].

New Mexico Water Quality Control Commission. 2004. *State of New Mexico Integrated Clean Water Act 303(d)/305(b) Report*. Santa Fe, NM. Online at: <http://www.nmenv.state.nm.us/wqcc/303d-305b/2004/index.html> [accessed June 21, 2005].

- New Mexico Water Quality Control Commission. 2003. *State of New Mexico Statewide Water Quality Management Plan* [as amended May 13, 2003]. Santa Fe, NM. Online at: http://www.nmenv.state.nm.us/swqb/Planning/Water_Quality_Management_Plan/WQM_P_05_13_03.pdf [accessed June 9, 2009].
- New Mexico Water Quality Control Commission. 2004. *State of New Mexico Continuing Planning Process*. Santa Fe, NM. Online at: <http://www.nmenv.state.nm.us/swqb/cpp/2004cpp.pdf> [accessed June 9, 2009].
- Olmsted, F.H. 1919. *Gila River Flood Control*. [Senate Document 436, 65th Congress, 3rd Session.] Washington, D.C.
- Parker, D.L., Renz, M., Fletcher, A., Miller, F., & Gosz, J. 2005. *Strategy for Long-Term Management of Exotic Trees in Riparian Areas for New Mexico's Five River Systems, 2005-2014*. [Report compiled for the New Mexico Interagency Weed Action Group.] USDA Forest Service and New Mexico Energy, Minerals, and Natural Resources Department.
- Parker, M., Wood, F.J., Smith, B.H., & Elder, R.G. 1985. Erosional Downcutting in Lower Order Riparian Ecosystems: Have Historical Changes Been Caused by Removal of Beaver? In *Riparian Ecosystems and Their Management: Reconciling Conflicting Uses*. (USDA Forest Service General Tech. Report RM-120). Fort Collins: Rocky Mountain Forest and Range Experiment Station.
- Pellant, M., Shaver, P., Pyke, D.A., and Herrick, J.E. 2005. *Interpreting indicators of rangeland health*, version 4. Denver, CO: USDI Bureau of Land Management, National Science and Technology Center [Tech. Ref. 1734-6; BLM/WO/ST-00/001+1734/REV05.]
- Penn State University, College of Earth and Mineral Sciences. 2006. *Reintroduction of the Wolf into the Southwest*. Available at : <http://www.ems.psu.edu/Wolf/AIFF/WolfTop.html> [accessed December 4, 2006].
- Polley, H. W., Johnson, H. B., Mayeux, H. S., & Tischler, C. R. 1996. Impacts of Rising CO₂ concentration on water use efficiency of woody grassland invaders. In *Proceedings: Shrubland Ecosystem Dynamics in a Changing Environment* [conference, Las Cruces, NM, May 23-25, 1995], pp. 189-194. Intermountain Research Station, Ogden, UT.
- Potter, L.D. 1957. Phytosociological study of San Augustin Plains, New Mexico. *Ecological Monographs*, **27**, 113-136.
- Rich, J. L. 1911. Recent stream trenching in the semi-arid region of southwestern New Mexico, a result of removal of vegetative cover. *American Journal of Science*, **32**, pp. 237-245.
- Riece, S.R., Wissmar, R.C., & Naiman, R.J. 1990. Disturbance regimes, resilience, and recovery of animal communities and habitats in lotic ecosystems. *Environmental Management*, **14**, 647-659.
- Rinne, J.N. 1985. Livestock grazing effects on southwestern streams: A complex research problem. In *Riparian Ecosystems and Their Management: Reconciling Conflicting Uses*. (USDA Forest Service General Tech. Report RM-120). Fort Collins: Rocky Mountain Forest and Range Experiment Station.

- Ripple, W. J., & Beschta, R. L. 2005. Wolf reintroduction, predation risk, and cottonwood recovery in Yellowstone National Park. *Forest Ecology and Management*, **184**, 299-313.
- Rixon, Theodore F. 1905. *Forest Conditions in the Gila River Forest Reserve, New Mexico* [report for the US Geological Survey]. Government Printing Office, Washington, D.C.
- Robichaud, P. R. 2000. *Forest Fire Effects on Hillslope Erosion: What We Know. Newsletter of the Watershed Management Council.* Online at: http://watershed.org/wmc/index.php?module=PostWrap&page=/news/tocs/win_00.html [accessed July 2006].
- Satterlund, D.R., & Adams, P. 1992. *Wildland Watershed Management*. New York: John Wiley & Sons.
- Savage, M. 1991. Structural dynamics of a southwestern pine forest under chronic human influence. *Annals of the Association of American Geographers*, **81**, 271-289.
- Schmidt, L. J. 1997. Forest Service Sediment Activities and Concerns—A View Point. In *Proceedings of the U.S. Geological Survey Sediment Workshop* [February 4–7, 1997]. Online at: <http://www.rvares.er.usgs.gov/osw/workshop/schmidt.html> [accessed November 21, 2005].
- Schoenecker, K. A., & Shaw, W. W. 1997. Attitudes toward a proposed re-introduction of Mexican gray wolves in Arizona. *Human Dimensions of Wildlife* **2**: 42-55.
- Schumann, M. 2005. *Fuels Management in Ponderosa Pine Forests: Impacts on Water Yield.* [Forest Guild Research Working Paper, January 2005.] Online at: <http://www.forestguild.org/images/swcenter/pdf/WP11.pdf>
- Scurlock, D. 1998. *From the Rio to the Sierra: An Environmental History of the Middle Rio Grande Basin.* [USDA Forest Service General Technical Report RMRS-GTR-5.] Fort Collins, CO: Rocky Mountain Research Station.
- Shinneman, D.J., & Baker, W.L. 1997. Nonequilibrium dynamics between catastrophic disturbances and old-growth forests in ponderosa pine landscapes of the Black Hills. *Conservation Biology*, **11**, 1276-1288.
- Society of American Foresters [and partners]. 2004. *Handbook for Preparing a Community Wildfire Protection Plan.* Online at: www.safnet.org/policyandpress/cwpp.cfm [accessed July 24, 2006].
- Soles, E. S. 2003. *Where the River Meets the Ditch: Human and Natural Impacts on the Gila River, New Mexico, 1880–2000.* [Master's thesis, Department of Geography, Northern Arizona University, Flagstaff, AZ., 166 pp.]
- Soule, M. E., Estes, J. A., Berger, J., & Martinez del Rio, C. Ecological Effectiveness: Conservation Goals for Interactive Species. *Conservation Biology*, **17**, 1238-1250.
- Spicer, E. H. 1962. *Cycles of Conquest. The Impact of Spain, Mexico, and the United States on the Indians of the Southwest, 1533–1960.* Tucson: University of Arizona Press.

- Stanley, F. Undated. *The Alma, N. Mexico Story*. [photocopy at Glenwood R.D., Gila N.F., accessed February 2006.]
- Stromberg, J. C. & Chew, M. Restoration of Riparian Ecosystems in the Arid Southwest: Challenges and Opportunities. In *Riparian Ecosystem Restoration in the Gila River Basin: Opportunities and Constraints*, pp. 11-18. [Workshop proceedings, April 1999: University of Arizona Water Resources Research Center Issue Paper #21.] Tucson, AZ.
- Stromberg, J.C., Fry, J., & Patten, D.T. 1997. Marsh development after large floods in an alluvial, arid-land river. *Wetlands*, **17**, 292-300.
- Swetnam, T.W. 1990. Fire history and climate in the southwestern United States. In *Proceedings: Effects of fire management of southwestern natural resources* (J.S. Krammes, tech. coordinator), pp. 6-17. [General Technical Report RM-191.] Fort Collins, CO: USDA Forest Service, Rocky Mountain Forest and Range Experiment Station.
- Swetnam, T.W., & Betancourt, J.L. 1998. Mesoscale disturbance and ecological response to decadal climatic variability in the American Southwest. *Journal of Climate*, **11**, 3128-3147.
- Swetnam, T.W., & Dieterich, J.H. 1985. Fire History of Ponderosa Pine Forests in the Gila Wilderness, New Mexico. In *Proceedings of the Wilderness Fire Symposium* (J. E. Lotan, B.M. Kilgore, W.C. Fischer, & R.W. Mutch, tech. coordinators), November 1983, Missoula, MT. [General Technical Report INT-182, USDA Forest Service, pp. 390-397.]
- Swift, T.T. 1926. Date of Channel Trenching in the Southwest. *Science*, **63**, 70-71.
- Task Group on Unity in Concepts and Terminology. 1995. New concepts for assessment of rangeland condition. *Journal of Range Management*, **48**, 271–282.
- Taylor Creek Watershed Committee, 2005. *Upper Gila Watershed, Taylor Creek: Watershed Restoration Action Strategy*. Online at: http://www.nmenv.state.nm.us/swqb/wps/WRAS/Taylor_Creek_15040001_WRAS_July_2005.pdf
- Tetra Tech, Inc. 2004. *TMDL Water Quality Study of the Middle and Lower Sevier River Watershed* [draft]. Submitted to Utah Department of Environmental Quality, Salt Lake City, UT.
- The Nature Conservancy. 1996. *Hydrologic Monitoring Manual*, version 4.0. Arlington, VA: Biohydrology Program, Conservation Science Division, The Nature Conservancy.
- Town of Safford [Arizona]. 2006. *Moving Forward*, on the Town of Safford website. Online at: <http://safford.govoffice.com/> [accessed June 28, 2006].
- Trauger, F. D. 1972. *Water Resources and General Geology of Grant County, New Mexico*. [Hydrologic Report No. 2.] Albuquerque: University of New Mexico Press.
- Treadaway, M., Howard, Jr., V.W., Allison, C., Wood, M.K., & Boren, J. 2006. *Forage Utilization by Elk and Livestock in Selected Riparian Areas in the Gila National Forest*. [Report 47 of the Range Improvement Task Force, Agricultural Experiment Station, NMSU.] Las Cruces: NM State University.

- Tu, M., Hurd, C., & Randall, J.M. 2001. *Weeds Control Methods Handbook: Tools and Techniques for Use in Natural Areas*. The Nature Conservancy (Wildland Invasive Species Team). Online at: <http://tncweeds.ucdavis.edu> [accessed May 15, 2006].
- Turner, H.S. 1966. *The Original Journals of Henry Smith Turner* [D. L. Clarke, ed.]. Norman OK: University of Oklahoma Press.
- Unsworth, R., Genova, L., Wallace, K., & Harp, A. 2005. *Mexican Wolf Blue Range Reintroduction Project, 5-Year Review: Socioeconomic Component*. [Report prepared for Division of Economics, US Fish & Wildlife Service.] Industrial Economics: Cambridge, MA.
- U.S. Census Bureau, Population Division. 2006a. *Census 1990 and Census 2000*. Online at: <http://www.census.gov/main/www/cen2000.html> [accessed June 28, 2006].
- U.S. Census Bureau, Population Division. 2006b. *Estimates of U.S. Population*. Online at: <http://www.census.gov/main/www/cen2000.html> [accessed June 28, 2006].
- U.S. Department of Commerce, Bureau of Economic Analysis. 2006. *Regional Economic Accounts*. Online at: <http://www.bea.gov/bea/regional/reis/scb.cfm> [accessed July 12, 2006].
- U.S. Environmental Protection Agency. October, 2005. *Handbook for Developing Watershed Plans to Restore and Protect Our Waters* [draft]. US EPA Office of Water, Nonpoint Source Control Branch: Washington DC.
- U.S. Environmental Protection Agency. October 23, 2003. Nonpoint Source Program and Grants Guidelines for States and Territories, in *Federal Register*, Vol. 68, No. 205, pp. 60653-60674. [Document ID fr23oc03-39]. Online at: [wais.access.gpo.gov](http://www.access.gpo.gov) [accessed July 29, 2005].
- U.S. Environmental Protection Agency. 1995. *National Water Quality Inventory: 1994 Report to Congress*. (EPA Publication 841-R-95-005.) US EPA: Washington, DC.
- U.S. Fish and Wildlife Service. 2006. *Mexican Gray Wolf Recovery*. Online at: <http://www.fws.gov/southwest/es/mexicanwolf/> [accessed August 21, 2006].
- U.S. Geological Survey. 2006. *USGS Surface-Water Daily Data for New Mexico*. Online at: http://waterdata.usgs.gov/nm/nwis/dv/?referred_module=sw [accessed August 14, 2006].
- U.S. Geological Survey. 2005. *National Atlas of the United States* [digital data]. Available at <http://edcns17.cr.usgs.gov/EarthExplorer/> [accessed May 30, 2005].
- USDA Forest Service, 2006. *Travel management*. Online at: <http://www2.srs.fs.fed.us/r3/gila/travel/> [accessed October 29, 2006].
- USDA Forest Service. 2005a. *Federal Wildland Fire Policy: Guiding Principles*. Online at: <http://www.fs.fed.us/land/wdfire5.htm> [accessed July 10, 2005].
- USDA Forest Service. 2005b. *Johnson Fire Use Fire*. Online at: <http://www2.srs.fs.fed.us/r3/gila/fire/fire.asp?fireid=45> [accessed June 24, 2005].

- USDA Forest Service. 1999. *Interim Rule Suspending Road Construction in Unroaded Areas of National Forest System Lands Environmental Assessment*. Washington, D.C.
- USDA Forest Service (Region 3). 2006a. *New Mexico Forest Restoration Principles Announced by Diverse Task Force* [news release]. Online at: <http://www.fs.fed.us/r3/news/releases/2006/0517-principles.shtml> [accessed October 1, 2006].
- USDA Forest Service (Region 3). 2006b. *Timeless Heritage: A history of the Forest Service in the Southwest*. Online at: http://www.fs.fed.us/r3/about/history/timeless/th_index.html [accessed August 21, 2006].
- USDA Forest Service (Region 3). 2003. *Multiparty Monitoring and Assessment Guidelines for Community Based Forest Restoration in Southwestern Ponderosa Pine Forests*. [Guidelines produced by USDA Forest Service, National Forest Foundation, Ecological Restoration Institute, Four Corners Institute, Pinchot Institute for Conservation, and Forest Trust.] Online at: <http://www.fs.fed.us/r3/spf/cfrp/monitoring/>
- USDA Gila National Forest. 2006. *Fire and Aviation-Fire Activity*. Online at: <http://www2.srs.fs.fed.us/r3/gila/fire/activity.asp> [accessed July 13, 2006].
- USDA Gila National Forest. 2005a. *Erosion Control on Silver City Watershed, 1933-1934*. (Civilian Conservation Corps map. Courtesy of Bob Schiowitz).
- USDA Gila National Forest. 2005b. *Schedule of Proposed Actions*. Online at: <http://www.fs.fed.us/sopa/components/reports/sopa-110306-current.pdf> [accessed June 21, 2005].
- USDA Gila National Forest. 2004[?]. *Targeted Watershed Grant Proposal: Burro Mountain Off Highway Vehicle Management Project* [unpublished draft].
- USDA Gila National Forest. 2003. *Forest Level Roads Analysis Report*. Online at: <http://www.fs.fed.us/r3/gila> [accessed June 28, 2005].
- USDA National Agricultural Statistics Service. 2002. *Census of Agriculture*. Online at: <http://www.nass.usda.gov/census/>
- USDA Soil Conservation Service. 1954. *Program for Runoff and Waterflow Retardation and Soil Erosion Prevention*. [Unpublished report; revised June 1954].
- USDI Bureau of Reclamation, 2004 March. *Upper Gila River Fluvial Geomorphology Study*. [Report and maps covering Gila River corridor from gaging station at Gila, NM to Arizona-New Mexico state line; includes an extensive annotated bibliography.]
- Ward, T.J., & Seiger, A. D. 1983. *Adaptation and Application of a Surface Erosion Model for New Mexico Forest Roadways*. [WRRRI Report No. 188.] Las Cruces: New Mexico Water Resources Research Institute.
- Westbrook, C.J., Cooper, D.J., & Baker, B.W. 2006. Beaver dams and overbank floods influence groundwater-surface water interactions of a Rocky Mountain riparian area. *Water Resources Research*, 42, W06404.

- Westerling, A.L., Hidalgo, H. G., Cayan, D. R., & Swetnam, T. W. 2006. Warming and Earlier Spring Increase Western U.S. Forest Wildfire Activity. *Science*, **313**, 940-943.
- Whiteman, K. 2003. *Inventory of salt cedar (Tamarix sp. L) on the East Fork of the Gila River*. [Unpublished report prepared for USDA Forest Service, Gila National Forest.]
- Whiting, P.J. 1998. A numerical study of bank storage and its contribution to streamflow. *Journal of Hydrology*, **202**, 121-136.
- Wilcox, B.P., Pitlick, J., Allen, C.D., & Davenport, D. W. 1996. Runoff and erosion from a rapidly eroding pinyon-juniper hillslope. *Advances in Hillslope Processes*, **1**, 61-77.
- Wilcox, B.P., Wood, M.K., & Tromble, J.M. 1988. Factors influencing infiltrability of semiarid mountain slopes. *Journal of Range Management*, **41**, 197-206.
- Wilson, B. C., & Lucero, A. A. 1998. *Irrigated Agriculture Water Use and Acreage in New Mexico Counties and River Basins, 1993–1995*. Technical Report 50. New Mexico Office of the State Engineer, Santa Fe, NM.
- Wilson, L.G. 1967. Sediment removal from flood water by grass filtration. *Transactions of the American Society of Agricultural Engineers*, **10**, 35-37.
- Wolman, M.G. & Gerson, R. 1978. Relative scales of time and effectiveness of climate in watershed geomorphology. *Earth Surface Processes*, **3**, 189-208.
- Wooton, E.O. 1908. *The Range Problem in New Mexico*. [Bulletin No. 66 of the Agricultural Experiment Station.] Albuquerque: Albuquerque Morning Journal.
- Worster, D. 1979. *Dust Bowl: The Southern Plains in the 1930s*. New York: Oxford University Press.

This page left intentionally blank.