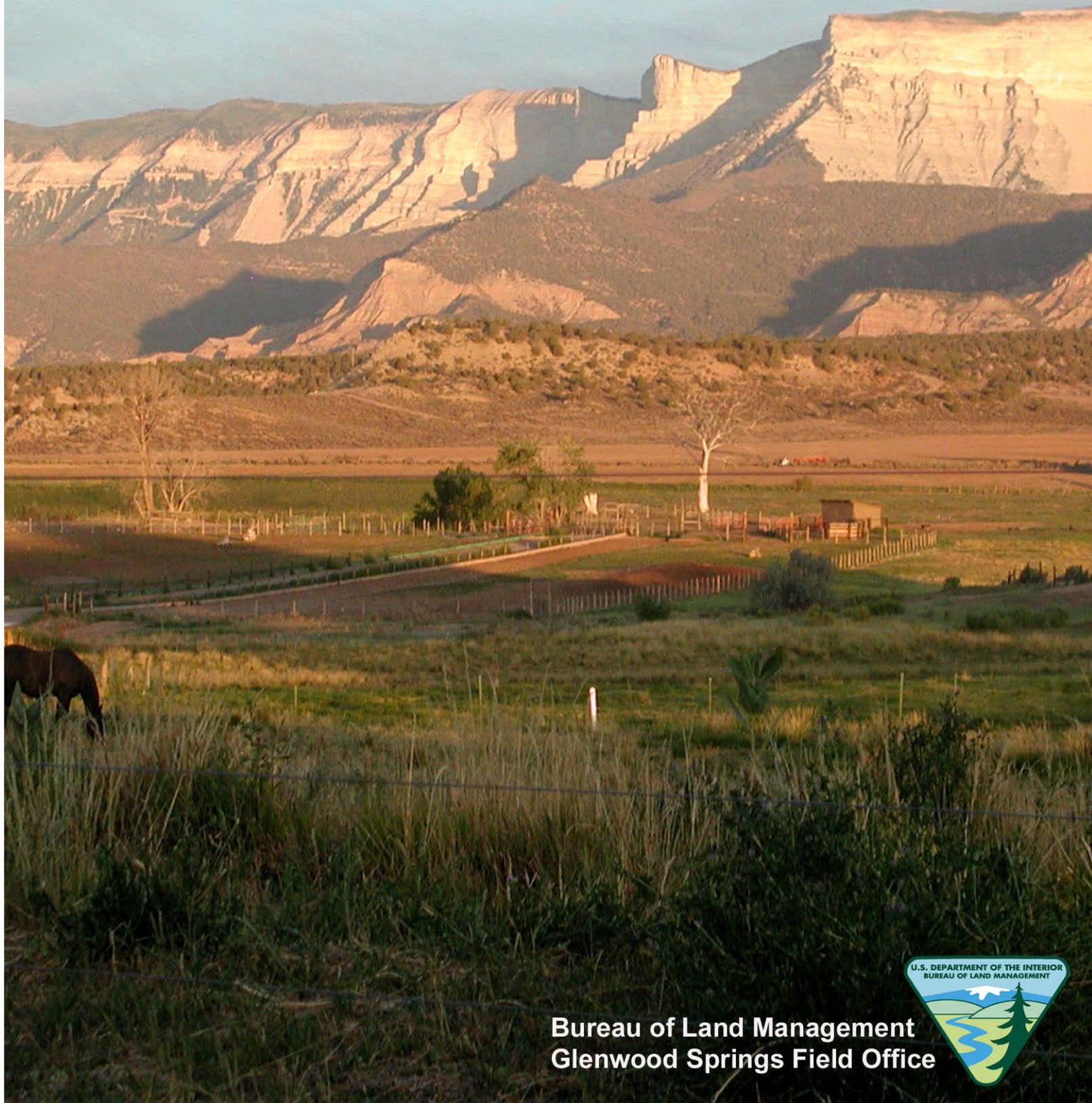


References



Bureau of Land Management
Glenwood Springs Field Office



5 REFERENCES

- Adkins, Jaime. 2003. Personal communication. Colorado Oil and Gas Conservation Commission.
- Air Resource Specialists. 2002. Green River Basin visibility study: monitored air quality data. Fort Collins, Colorado.
- Archer, S.F. 2002. Conversation with Trinity staff on December 17, 2002.
- Armstrong, D. M. 1972. Distribution of mammals in Colorado. Monograph of the Museum of Natural History 3:1-415. University of Kansas. Lawrence.
- Armstrong, D.M., R.A. Adams, K.W. Navo, J. Freeman, and S.J. Bissell. Undated. Bats of Colorado: shadows in the night. Colorado Division of Wildlife. Denver.
- Armstrong, H.J. 2003. Personal communication. Regional paleontologist. BLM, Colorado State Office, Lakewood.
- Armstrong, H.J. and A.J. Kihm. 1980. Fossil vertebrates of the Grand Junction area. Grand River Institute. Grand Junction, Colorado.
- Baker, W.L. 1983. Some aspects of the pre-settlement vegetation of the Piceance Basin, Colorado. Great Basin Naturalist 43 (4):687-699.
- Baker, W.L. and Y. Cai. 1992. The r.le programs for multiscale analysis of landscape structure using the GRASS geographical information system. Landscape Ecol. 7:291-302.
- Bass, N.W., and Northrup, S.A. 1963. The geology of northwest Colorado. U.S. Geological Survey Bulletin No. 1142-J.
- Behnke, R.J. 1979. Monograph of the native trouts of the genus *Salmo* of western North America. USDA Forest Service, Rocky Mountain Region. Denver.
- Behnke, R.J. and M. Zarn. 1976. Biology and management of threatened and endangered western trouts. General Technical Report RM-28. USDA Forest Service, Rocky Mountain Forest and Range Experimental Station. Fort Collins, Colorado.
- Bessell, J.R. 2002. Riparian protection and restoration: Road design techniques. USDA Forest Service, Technology and Development Program, San Dimas Technology and Development Center. San Dimas, California.
- Bilbey, S.A., E. Evanoff, and J.E. Hall. 2001. Final paleontological report for American Soda, LLP, Yankee Gulch Sodium Minerals Project, Parachute to Piceance Creeks, pipeline, well sites, and processing plant – Garfield Counties, Colorado. Uinta Paleontological Associates, Inc., Vernal, Utah.
- Binns, N.A. 1977. Present status of indigenous populations of cutthroat trout, *Salmo clarki*, in southwest Wyoming. Fisheries Technical Bulletin 2. Wyoming Game and Fish Department. Cheyenne.

CHAPTER 5 • REFERENCES

- Bjornn, T.C., C.A. Peery, and L.M. Garmann. 1998. Deposition of fine sediments in substrates and their effects on survival of trout embryos. Technical Report 98-1. Idaho Cooperative Fish and Wildlife Research Unit, University of Idaho. Moscow.
- Boyle, S.A. and F.B. Samsun. 1986. Effects of nonconsumptive recreation on wildlife: a review. *Wildlife Society Bulletin* 13:110-116.
- Brown, L. 1989. An annotated bibliography on the interrelationship of elk and roads. Idaho BLM Technical Bulletin 1989-2. USDI Bureau of Land Management, Idaho State Office. Boise.
- Bureau of Land Management (BLM). 1986. BLM Manual-8410-1-Visual Resource Inventory. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1988a. Glenwood Springs Resource Area Record of Decision and Resource Management Plan (ROD). Grand Junction District Office, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1988b. Areas of Critical Environmental Concern. BLM Manual 1613. Rel. 1-1541. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1991a. Riparian-wetland initiative for the 1990s. BLM/WO/GI-91/001+4340. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1991b. Final EIS: Vegetation treatment on BLM lands in thirteen western states. U.S. Department of the Interior. www.blm.gov/weeds/VegEIS/.
- Bureau of Land Management (BLM). 1994. White River Resource Area, Draft Resource Management Plan (DES 94-43). White River Resource Area, Craig District Office, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1996a. White River Resource Area, Proposed Resource Management Plan and Final Environmental Impact Statement [ROD issued July 1997]. Craig District Office, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1996b. Rangeland standards and guidelines for livestock grazing. www.co.blm.gov/standguide.htm.
- Bureau of Land Management (BLM). 1997a. Colorado public land health standards and guidelines for livestock grazing management. February. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1997b. 1997 Instruction Memorandum No. CO-97-044. Denver. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1998a. Riparian area management: Process for assessing Proper Functioning Condition. Technical Report TR 1737-9 1993. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1998b. Glenwood Springs Resource Area, Oil and Gas Leasing and Development Draft Supplemental Environmental Impact Statement (DFEIS). Denver, Colorado. U.S. Department of the Interior.

CHAPTER 5 • REFERENCES

- Bureau of Land Management (BLM). 1998c. Manual and handbook for the management of paleontological resources. BLM Handbook 8270. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 1999a. Glenwood Springs Resource Area, Oil and Gas Leasing and Development Final Supplemental Environmental Impact Statement (FSEIS). Denver. U.S. Department of the Interior.
- Bureau of Land Management. 1999b. Glenwood Springs Resource Area Oil and Gas Leasing and Development Record of Decision and RMP Amendment (ROD). Denver. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2000a. Recreation guidelines to meet public land health standards. www.co.blm.gov/rguideline/guidrv12.htm
- Bureau of Land Management (BLM). 2000b. Colorado BLM State Director's sensitive species list (animals and plants). June. www.co.blm.gov/botany/sens_species.htm
- Bureau of Land Management (BLM). 2000c. Roan Plateau map and visitor guide. Glenwood Springs Field Office, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2000d. Results from several small group discussions regarding the Roan Plateau area of western Colorado. Glenwood Springs Field Office, Colorado.
- Bureau of Land Management (BLM). 2000e. Wilderness character and roadlessness inventory findings. www.co.blm.gov/gsra/rpwildinventory.htm
- Bureau of Land Management (BLM). 2000f. Blueprint goal: Serve current and future publics. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2001a. Land use planning handbook. BLM Handbook H-1601-1. Rel. 6-121. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2001b. Special status species management. BLM Manual 6840. Rel. 6-121. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2001c. BLM Instruction Memorandum No. 2002-034. November. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2001d. Land health assessment: Roan Cliffs Unit. Glenwood Springs Field Office, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2002a. Analysis of the management situation for the Roan Plateau Area Resource Management Plan Amendment and Environmental Impact Statement. Glenwood Springs Field Office, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2002b. Land health assessment: Rifle Creek landscape. Glenwood Springs Field Office, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2002c. BLM national list of non-native invasive species. U.S. Department of the Interior. www.co.blm.gov/botany/invasiweed.htm

CHAPTER 5 • REFERENCES

- Bureau of Land Management (BLM). 2002d. Roan Plateau RMP Amendment evaluation of proposed areas of critical environmental concern. Glenwood Springs Field Office, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2002e. Roan Plateau eligibility report for the national wild and scenic rivers system. Glenwood Springs Field Office, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2002f. Glenwood Springs Field Office fire management plan. Glenwood Springs Field Office, Colorado. U.S. Department of the Interior. www.co.blm.gov/gsra/firemgntblcontent.htm
- Bureau of Land Management (BLM). 2002g. BLM Manual 8110.4. U.S. Department of the Interior. www.blm.gov/nhp/efoia/wo/woerr.html
- Bureau of Land Management (BLM). 2003a. Roan Plateau Planning Area oil and gas reasonable foreseeable development (RFD). State Office. Lakewood, Colorado. U.S. Department of the Interior.
- Bureau of Land Management (BLM). 2003b. Annual report: Payments in lieu of taxes (PILT). U.S. Department of the Interior. www.blm.gov/pilt/index.htm
- Bureau of Land Management (BLM). 2003c. Meeting of air quality stakeholders to discuss the dispersion modeling protocol. Meeting notes. February 11. Cashion, W.B., and J.R. Donnell. 1974. Revision of nomenclature of the upper part of the Green River Formation, Piceance Creek Basin, Colorado and Eastern Uinta Basins, Utah. *In* Contributions to Stratigraphy, Geological Survey Bulletin 1394-G. U.S. Department of the Interior.
- Center for Business and Economic Forecasting, Inc. (CBEF). 2001. Tourism jobs gain ground in Colorado: 1999 estimates of state and county tourism jobs. Denver.
- Cesark, David. 2003. Personal communication. Employee of Williams Energy Services.
- Clark R. N., and G.H. Stankey. 1979. The Recreation Opportunity Spectrum: a framework for planning, management, and research. USDA Forest Service. Portland, Oregon.
- Cole, R.D., and Daub, G. J. 1983. Microcrystalline nahcolite on the 1840 level, Horse Draw Mine, Piceance Creek Basin, Colorado. *In* Proceedings of the 16th Oil Shale Symposium. Colorado School of Mines Press. Golden.
- Colorado Department of Agriculture. 2001. Colorado's strategic plan to stop the spread of noxious weeds: a framework for statewide coordinated and cost-effective action to protect agriculture and the environment. December.
- Colorado Department of Local Affairs (CoLA). 2002. Annual report of the Energy and Mineral Impact Assistance Program. Denver.
- Colorado Department of Local Affairs (CoLA). 2003a. Colorado economic and demographic information system. Denver.
- Colorado Department of Local Affairs (CoLA). 2003b. Population forecasts (2000-2030). Denver. www.dola.state.co.us/demog/Population/PopulationTotals/

CHAPTER 5 • REFERENCES

- Colorado Department of Public Health and Environment (CDPHE). 2002. Water quality control division regulation No. 37: Classifications and numeric standards for Lower Colorado River Basin. Revised August 30, 2002.
- Colorado Department of Transportation. 2002. Colorado Department of Transportation traffic data. www.dot.state.co.us
- Colorado Division of Wildlife (CDOW). 1995. Hunting and fishing industries economic impact model. Denver.
- Colorado Natural Areas Program (CNAP). 1997. Field survey and protection recommendations for the globally imperiled Parachute penstemon, *Penstemon debilis* O’Kane and Anderson.
- Colorado Natural Areas Program (CNAP). 2000. Creating an integrated weed management plan: a handbook for owners and managers of lands with natural values. Colorado Natural Areas Program, Colorado State Parks, Colorado Department of Natural Resources; and Division of Plant Industry, Colorado Department of Agriculture. Denver.
- Colorado Natural Heritage Program (CNHP). 1995. Status report for *Phacelia submutica* J.T. Howell.
- Colorado Natural Heritage Program (CNHP). 1997a. Biological survey of Naval Oil Shale Reserve No. 1 (NOSR-1).
- Colorado Natural Heritage Program (CNHP). 1997b. Conserving the globally imperiled DeBeque milkvetch, *Astragalus debequaeus* Welsh.
- Colorado Natural Heritage Program (CNHP). 1998. Naval Oil Shale Reserve No. 3 1998 Rare Species Inventory.
- Colorado Natural Heritage Program (CNHP). 2001. Survey of critical biological resources, Garfield County, Colorado. Volume I.
- Colorado Noxious Weed Act. 1996. Title 35, Article 5.5-101 through 119, C.R.S. (Colorado Revised Statutes) 2000.
- Colorado Oil and Gas Conservation Commission (COGCC). 2003. Oil and Gas Statistics. <http://www.oil-gas.state.co.us>.
- Colorado Tourism Office. 2002. Colorado Vacation Guide. www.colorado.com/activities/city
- CRCT [Colorado River Cutthroat Trout] Task Force. 2001. Conservation agreement and strategy for Colorado River cutthroat trout (*Oncorhynchus clarki pleuriticus*) in the states of Colorado, Utah, and Wyoming. Colorado Division of Wildlife. Fort Collins.
- Crockett, A.B. and P.L. Hansley 1978. Apparent response of *Picoides* woodpeckers to outbreaks of the pine bark beetle. *Western Birds* 9:67-70.
- Daub, G. J., L.K. Weston, and E.C. Rosar. 1985. Detailed lithologic, rock quality, and hydrologic data from four drill holes in the central Piceance Creek Basin, Rio Blanco County, Colorado. Colorado School of Mines Oil Shale Symposium. Golden.

CHAPTER 5 • REFERENCES

- Dayvault, R.D., L.A. Coddington, D. Kohls, W.D. Hawes, and P.M. Ott. 1995. Fossil insects and spiders from three locations in the Green River Formation of the Piceance Creek Basin, Colorado. *In* The Green River Formation in Piceance Creek and eastern Uinta Basins. W.R. Averett (ed.). Grand Junction Geological Society. Grand Junction, Colorado.
- DeBano, L.F. and L.J. Schmidt. 1989. Improving southwestern riparian areas through watershed management. General Technical Report RM-182. USDA Forest Service, Rocky Mountain Forest and Range Experimental Station, Fort Collins, Colorado.
- DeBano, L.F., P.F. Ffolliott, and K.N. Brooks. 1996. Flow of water and sediments through Southwestern riparian systems. *In* Desired future conditions for Southwestern region ecosystems: Bringing interests and concerns together. General Technical Report RM-GTR-272. USDA Forest Service. Albuquerque.
- Driver, B.L. 1995. Benefits-based management. Colorado Outdoor Recreation Resource Project Unpublished Report. USDA Forest Service, Rocky Mountain Forest and Range Experimental Station. Fort Collins, Colorado.
- Driver, B.L., H.E.A. Tinsley, and M.J. Manfredo. 1991. Leisure and recreation experience preference scales: results from two inventories designed to assess the breadth of the perceived psychological benefits of leisure. *In* Benefits of leisure. B.L. Driver, P.J. Brown, and G.L. Peterson (eds). State College, Pennsylvania.
- Driver, B.L., D. Bruns. 1999. Concepts and uses of the benefits approach to leisure. *In* Leisure studies: prospects for the Twenty-First Century. State College, Pennsylvania.
- Duncan, D.C. and N.M. Denson. 1949. Geology of Naval Oil Shale Reserves 1 and 3, Garfield County, Colorado. USGS Oil and Gas Series Preliminary Map 94.
- Edge, W.D., and C.L. Marcum. 1985. Movements of elk in relation to logging disturbances. *Journal of Wildlife Management* 49(4):926-930.
- Environmental Protection Agency (EPA). 1995a. Federal Register Notice. Requirements for Preparation, Adoption, and Submittal of Implementation Plans. 40 CFR Parts 50 & 51. Volume 60, Number 153, pg 40469. August 9.
- Environmental Protection Agency (EPA). 1995b. Federal Register 60:153, p. 40469. August 9.
- Environmental Protection Agency (EPA). 1995c. SCREEN3 Model User's Guide. EPA-454/B-95-004. Office of Air Quality Planning and Standards. Research Triangle Park, NC. September.
- Environmental Protection Agency (EPA). 1998. Draft Residual Risk Report to Congress. Office of Air Quality Planning and Standards, Research Triangle Park, NC. April 14.
- Environmental Protection Agency (EPA). 1999. Emissions Inventory Guidance for Implementation of Ozone and Particulate Matter National Ambient Air Quality Standards (NAAQS) and Regional Haze Rule. Office of Air Quality Planning and Standards. Research Triangle Park, NC. April.
- Environmental Protection Agency (EPA). 2000. Profile of the oil and gas extraction industry. Washington, D.C.

CHAPTER 5 • REFERENCES

- Environmental Protection Agency (EPA). 2003a. Enforcement and compliance online (ECHO) List. <http://www.epa.gov/echo/index.html>.
- Environmental Protection Agency (EPA). 2003b. EPA Region 8 Comments (February 21, 2003) on the Draft Air Quality Assessment Protocol for the Vernal and Glenwood Springs Resource Management Plans dated January 31, 2003. Esmoil, B.J. and S. H. Anderson. 1995. Wildlife mortality associated with oil pits in Wyoming. *Prairie Naturalist* 27(2):81-88.
- Finley, R.B., W. Claire, and D. Wilhelm. 1983. Bats of the Colorado oil shale region. *Great Basin Naturalist* 43(4):554-560.
- Fitzgerald, J.P., C.A. Meaney, and D.M. Armstrong. 1994. *Mammals of Colorado*. Denver Museum of Natural History and University Press of Colorado. Niwot, Colorado.
- FLAG. 2000. Federal Land Managers' Air Quality Related Values Workgroup (FLAG) - Phase I Report (dated December 2000). USDI-National Park Service, Air Resources Division. Denver. Available at <http://www2.nature.nps.gov/ard/flagfree/FLAG--FINAL.pdf>.
- Forman, R.T.T. 2000. Estimate of the area affected ecologically by the road system in the United States. *Conservation Biology* 14(1):31-35.
- Forman, R.T.T., A.E. Galli, and C.F. Leck. 1976. Forest size and avian diversity in New Jersey woodlots with some land use implications. *Oecologia* 26:1-8.
- Forman, R.T.T. and L.E. Alexander. 1998. Roads and their major ecological effects. *Annual Review of Ecology and Systematics* 29:207-231.
- Frederick, G. P. 1991. Effects of forest roads on grizzly bears, elk, and gray wolves: A literature review. USDA Forest Service, Kootenai National Forest. Libby, Montana.
- Fresques, T. 2002. Unpublished technical report. BLM staff wildlife biologist. Glenwood Springs Field Office, Colorado.
- Friesen, L.E., P.F.J. Eagles, and R.J. Mackay. 1995. Effects of residential development of Forest-dwelling neotropical migrant songbirds. *Conservation Biology* 9(6):1408-1414.
- Galli, A.E., C.F. Leck, and R.T.T. Forman. 1976. Avian distribution patterns in forest islands of different sizes in central New Jersey. *Auk* 93(2):356-364.
- Garfield County Assessor. 2002. Abstract of assessment. Glenwood Springs, CO.
- George, Janice. 2003. Personal Communication. Department of Social Services, Garfield County, Colorado. March 24.
- Gillin, C.M. and L.L. Irwin. 1985. Response of elk to seismograph exploration in the Bridger-Teton National Forest, Wyoming. University of Wyoming, Department of Zoology and Physiology. Laramie.
- Greystone. 1995. 1994 and 1995 Summary report for NOSR3. Englewood, Colorado.
- Gutzwiller, K.J., H.A. Marcum, H.B. Harvey, J.D. Roth, and S.H. Anderson. 1998. Bird tolerance to human intrusion in Wyoming montane forests. *Condor* 100:519-527.

CHAPTER 5 • REFERENCES

- Hail, W.J. Jr. and M.A. Smith. 1997. Geologic map of the southern part of the Piceance Creek Basin, northwestern Colorado. Miscellaneous Investigations Series Map I-2529.
- Hammerson, G.A. 1999. Amphibians and reptiles in Colorado: A Colorado field guide. University Press of Colorado and Colorado Division of Wildlife. Niwot, Colorado.
- Hargis, C.D., J.A. Bissonette, and D.L. Turner. 1999. The influence of forest fragmentation and landscape pattern on American martens. *Journal of Applied Ecology* 36(1):157-172.
- Harris and G. Silvea-Lopez. 1992. Forest fragmentation and the conservation of biological diversity. *In Conservation biology: The theory and practice of nature, conservation, and management*. Fiedler, P. and F. Jans (eds.). Chapman Hall. NY.
- Hershey, T.J. and T.A. Leege. 1976. Influences of logging on elk on summer range in north-central Idaho. *In Elk-logging-roads (symposium proceedings)*. University of Idaho. Moscow.
- Hershey, T.J. and T.A. Leege. 1982. Elk movements and habitat use on a managed forest in north-central Idaho. *Wildlife Bulletin No. 10*. Idaho Department of Fish and Game, Boise.
- Hiatt, G.S., and D. Baker. 1981. Effects of oil/gas drilling on elk and mule deer winter distribution on Crooks Mountain, Wyoming. Unpublished Report. Wyoming Game and Fish Department, Sinclair, Wyoming.
- Hoefler, T., M. Martorano, and W. H. Broadhead. 2002. Class I cultural resource overview of the Roan Plateau Management Area, Garfield County, Colorado. Report prepared for USDI Bureau of Land Management by RMC Consultants, Inc. Lakewood, Colorado.
- Holland, T.M. 1989. Road closures/elk habitat effectiveness. Unpublished technical report. USDA Forest Service, Beaverhead National Forest. April.
- Hunt, C.B. 1967. *Physiography of the United States*. W.H. Freeman and Company. San Francisco.
- IMPROVE.2002. IMPROVE Optical Data Webpage:
http://vista.cira.colostate.edu/improve/Data/IMPROVE/Data_IMPOptical.htm. USDI-National Park Service/Cooperative Institute for Research in the Atmosphere (Colorado State University). Fort Collins, CO.
- Ingelfinger, F.M. 2001. The effects of natural gas development on sagebrush steppe passerines in Sublette Country, Wyoming. Master of Science thesis. University of Wyoming. Laramie.
- Irwin, L.L. and J.M. Peek. 1979. Relationships between road closures and elk behavior in northern Idaho. *In North American elk: Ecology, behavior, and management*. M.S. Boyce and L.D. Hayden-Wing (eds.). University of Wyoming Press. Laramie.
- Johnson, B.C. 1987. Plant associations of Region Two. Edition 4. Report R-2Ecol-87-2. USDA Forest Service, Rocky Mountain Region.
- Johnson, B.K., L.D. Hayden-Wing, and D.C. Lockman. 1990. Responses of elk to development of Exxon's Riley Ridge Gas Field in western Wyoming. *In Proceedings of the Western States and Provinces Elk Workshop*.

CHAPTER 5 • REFERENCES

- Johnson, R.C. 1984. New names for the units in the lower part of the Green River Formation, Piceance Creek Basin, Colorado. *In Contributions to Stratigraphy*. U.S. Geological Survey Bulletin 1529.
- Johnson, R.C. and F. May. 1978. Preliminary stratigraphic studies of the upper part of the Mesa Verde Group, the Wasatch Formation, and the lower part of the Green River Formation, DeBeque area, Colorado, including environments of deposition and investigation of palynomorph assemblages. Miscellaneous Field Studies Map MF-100.
- Joslin, G. and H. Youmans (coordinators). 1999. Effects of recreation on Rocky Mountain wildlife: A review for Montana. Committee on Effects of Recreation on Wildlife, Montana Chapter of The Wildlife Society.
- Kingery, H.E. 1998. (ed.) Colorado breeding bird atlas. Colorado Bird Atlas Partnership and Colorado Division of Wildlife. Denver.
- Knight, J.E. Jr. 1980. Effect of hydrocarbon development on elk movements and distribution in northern Michigan. Ph.D. Dissertation. University of Michigan. Ann Arbor.
- Knight, R.L., and D.N. Cole. 1995. Wildlife responses to recreationists. *In Wildlife and recreationists: coexistence through management and research*. Knight and Gutzwiller (eds.). Island Press. Washington, D.C.
- Knight, R.L., F.W. Smith, S.W. Buskirk, W.H. Romme, and W. L. Baker. 2000. Forest fragmentation in the southern Rocky Mountains. University Press of Colorado. Boulder.
- Lakes Environmental Software (Lakes). 2002. User's Guide: ISC-AERMOD View.
- Lee M. E. and T.V. Stein. 1995. Managing recreation resources for positive outcomes: An application of benefits-based management. *Journal of Park and Recreation Administration* 13 (3):52-70.
- Little, B., E.M. Seibert, J. Townsend, J.H. Sprinkle, Jr., and J. Knoerl. 2000. Guidelines for evaluating and registering archaeological properties. National Register Bulletin. USDI National Park Service. Washington, D.C.
- Lubow, B.C. 1996. Modeling winter feeding of Colorado mule deer (*Odocoileus hemionus*) with optimal dynamic management strategies. Ph.D. Dissertation, Department of Fishery and Wildlife Biology, Colorado State University. Fort Collins.
- Lynch, J.F. 1987. Responses of breeding bird communities to forest fragmentation. *In Nature conservation: the role of remnants of native vegetation*. Saunders, D.A., G.W. Arnold, A.A. Burbridge, and A. J.M. Hopins (eds.). Surrey Beatty & Sons Pty Limited (Australia).
- Lyon, L.J. 1979. Habitat effectiveness for elk as influenced by roads and cover. *J. Forestry* 77(10):658-660.
- Lyon, L.J. 1983. Road density models describing habitat effectiveness for elk. *J. Forestry* 81(9):592-595.
- McIntyre, N.E. Effects of forest patch size on avian diversity. *Landscape Ecol.* 10(2):85-99.

CHAPTER 5 • REFERENCES

- McMullen, A.L. 1998. Factors concerning the conservation of a rare shale endemic plant: The reproductive ecology and edaphic characteristics of *Penstemon debilis* (Scrophulariaceae). Master of Science thesis. Utah State University. Logan.
- Machovec, C. 2003. Personal correspondence to Craig Nicholls (BLM, National Science and Technology Center) and Sherri Thompson (BLM, Colorado State Office) dated November 19, 2003. State of Colorado, Department of Public Health and Environment, Air Pollution Control Division. Denver.
- Martinez, A.M. 1988. Identification and status of Colorado River cutthroat trout in Colorado. Fish and Wildlife Leaflet 17. USDI Fish and Wildlife Service. Denver.
- Maurer, B.A. and S. G. Heywood. 1993. Geographic range fragmentation and abundance in neotropical migratory birds. *Conservation Biology* 7(3):501-508.
- Moore, S. 2003. Unpublished report. Survey of oil and gas companies in Garfield County, Colorado. Ecological and Environment Inc. Boulder, Colorado.
- Moore, S. and E. Rank. 2003. Unpublished report. Roan Plateau socioeconomic interviews. Ecology and Environment, Inc. Boulder, Colorado.
- National Park Service (NPS). 1998. Summary of ISCST3 Modeling for Naval Oil Shale Reserve Natural Gas Development in the Bureau of Land Management Glenwood Springs Resource Area. Air Quality Division. December.
- Nickens, P.R., S.L. Larralde, and G.C. Tucker. 1981. Survey of vandalism to archaeological resources in southwestern Colorado. Cultural Resource Series Number 11. USDI Bureau of Land Management, Denver, Colorado.
- Noss, R. 2003. The ecological effects of roads or the road to destruction. www.wildrockies.org
- O’Kane, S.L., Jr. 1987. Status report for *Thalictrum heliophilum*. Colorado Department of Natural Resources, Division of Parks and Recreation, Colorado Natural Areas Program. Denver.
- O’Sullivan, R.B. and W.J. Hail, Jr. 1987. Preliminary geologic map of the Forked Gulch Quadrangle, Garfield County, Colorado. Miscellaneous Field Studies Map MF-1953. U.S. Geological Survey. Denver, CO.
- Parker, K.L., C.T. Robbins, and T.A. Hanley. 1984. Energy expenditures for locomotion by mule deer and elk. *Journal of Wildlife Management* 48(2):474-488.
- Pederson, R.J. 1979. Management and impacts of roads in relation to elk populations. *In* Proceeding conference on recreational impacts on wildlands. USDA Forest Service and USDI National Park Service. Washington, D.C.
- Pitchford, M.L., and W.C. Malm, 1994. Development and applications of a standard visual index. *Atmospheric Environment* 28(5):1,049-54.
- Pitlick, J. and M.M. Van Steeter. 1998. Geomorphology and endangered fish habitats of the upper Colorado River 2: Linking sediment transport to habitat maintenance.

CHAPTER 5 • REFERENCES

- Platts, W.S. 1990. Fish, wildlife, and livestock: Protection of riparian areas. *Western Wildlands* (Summer).
- Powell, Geneva. 2003. Personal Communication. Garfield County Housing Authority. Garfield County, Colorado. March 25.
- Press, F. and S. Raymond. 1974. *Earth*. W.H. Freeman and Company. San Francisco.
- Reed, A.D. and M.D. Metcalf. 1999. Colorado prehistory: a context for the Northern Colorado River Basin. Colorado Council of Professional Archaeologists. Denver.
- Reed, R.A., J. Johnson-Barnard, and W.L. Baker. 1996. Contribution of roads to forest fragmentation in the Rocky mountains. *Conservation Biology* 10:1098-1106.
- Richardson. 2002. The economic benefits of wildlands in the eastern Sierra Nevada region of California. Department of Agriculture and Resource Economics, Colorado State University. Fort Collins, Colorado.
- Rost, G.R. and J.A. Bailey. 1979. Distribution of mule deer and elk in relations to roads. *Journal of Wildlife Management* 43(3):634-641.
- Riffell, S. K., K.J. Gutwiller, and S. H. Anderson. 1996. Does repeated human intrusion cause cumulative declines in avian richness and abundance? *Ecological Applications* 6(2):492-505.
- Rutledge, Chris R. and Dr. Terry McLendon. No Year. An assessment of exotic plant species of Rocky Mountain National Park. Department of Rangeland Ecosystem Science, Colorado State University, Fort Collins. www.npwrc.usgs.gov/resource/othrdata/explant/explant.htm (Version 15DEC98).
- Scheck, C. 2002. Unpublished technical report. BLM staff plant ecologist/range scientist. Glenwood Spring Field Office, Colorado.
- Shelford, V. E. 1963. *The ecology of North America*. University of Illinois. Urbana.
- Sime, C.A. and E. Schmidt. 1999. Offsite impacts of rural subdivision on wintering white-tailed deer on northwest Montana: Could man's best friend be wildlife's worst enemy? *In* 2001, A space for wildlife odyssey: a symposium on living in the western landscape. Proceedings. Bozeman, Montana.
- Soil Conservation Service (SCS). 1985. Soil survey of Rifle area, Colorado, parts of Garfield and Mesa counties. U.S. Department of Agriculture.
- Sonoran Institute. 2002. Population, employment, earnings, and personal income trends: Garfield County. Sonoran Institute Northwest Office. Bozeman, Montana.
- Stoddart, L.A., A.D. Smith, and T.W. Box. 1955. *Range management* (Third Edition). McGraw-Hill Series in Forest Resources. McGraw-Hill Book Company. New York.
- Temple, S. 1990. The nasty necessity: eradicating exotics. *Conservation Biology* 4:113-115.

CHAPTER 5 • REFERENCES

- Theissen, J.L. 1976. Some relations of elk to logging, roading, and hunting in Idaho's Game Management Unit 39. *In* Elk-logging-roads symposium proceedings. University of Idaho. Moscow.
- Thornton, C.I., S. R. Abt, and W. P. Clary. 1997. Vegetation influence on small stream siltation. *Journal of the American Water Resources Association* 33(6):1279-1288.
- Trinity Consultants (Trinity). 2003a. Air quality assessment protocol -- Vernal and Glenwood Springs Resource Management Plans. Prepared by Trinity Consultants. January 31.
- Trinity Consultants (Trinity). 2003b. Addendum to the draft modeling protocol and budget Estimate. Letter to Mr. Dave Moore, BLM, Utah. April 23.
- Trinity Consultants (Trinity). 2004. Draft air quality assessment report – Vernal and Glenwood Springs Resource Management Plans. August.
- TRW. 1981. Naval Oil Shale Reserves biological resources baseline report. Naval Oil Shale Reserves Management Support and Systems Engineering Project. November. Performed for the U.S. Department of Energy by TRW Energy Engineering Division, McLean, Virginia.
- TRW. 1982. Environmental baseline characterization of the Naval Oil Sale Reserves 1 and 3. Naval Oil Shale Reserves Management Support and Systems Engineering Project. Performed for the U.S. Department of Energy by TRW Energy Engineering Division, McLean, Virginia.
- Tweto, O. 1979. Geologic map of Colorado. U.S. Geological Survey. Denver.
- U.S. Bureau of Economic Analysis. 2002. State and local personal income. U.S. Department of Commerce. Washington, D.C. www.bea.doc.gov/bea/regional/statelocal.htm
- U.S. Census Bureau. 1990. Decennial Census. U.S. Department of Commerce. Washington, D.C. www.census.gov/main/www/cen2000.html
- U.S. Census Bureau. 2000. Decennial Census. U.S. Department of Commerce. Washington, D.C. www.census.gov/main/www/cen2000.html
- U.S. Census Bureau. 2002. State and County QuickFacts. www.quickfacts.census.gov/qfd/states
- U.S. Department of Defense (DOD). 1998. Authorization Act of 1998. Public Law 105-85 Naval Oil Shale Reserves Transfer.
- U.S. Department of Energy (DOE). 1988. Operational management plan for Naval Oil Sale Reserves 1 and 3.
- U.S. Fish and Wildlife Service (USFWS). 1988. National list of plant species that occur in wetlands: Intermountain (Region 8). Biological Report 88(26.8), May. Prepared for USFWS National Wetlands Inventory by P.B. Reed, Jr., USFWS National Ecology Research Center, St. Petersburg, Florida.
- U.S. Fish and Wildlife Service (USFWS). 1991. Oil pits: A source of wildlife mortality. Research Information Bulletin No. 91-62. U.S. Department of the Interior.

CHAPTER 5 • REFERENCES

- U.S. Fish and Wildlife Service (USFWS). 2002. Birds of conservation concern 2002. Division of Migratory Bird Management. Arlington, VA. U.S. Department of the Interior.
- U. S. Forest Service (USFS). 1998. Stemming the invasive tide: Forest Service strategy for noxious and nonnative plant management. Washington, DC. U.S. Department of Agriculture.
- U.S. Forest Service (USFS). 2000. Screening methodology for calculating ANC change to high elevation lakes.” Rocky Mountain Region, Lakewood, Colorado.
http://www.fs.fed.us/r6/aq/natarm/r2/ANC_Change_Screening_Guidance.pdf
- U. S. Forest Service (USFS). 2002. Land and resource management plan (revision 2002). U.S. Department of Agriculture. www.fs.fed.us/r2/whiteriver/rfp/EIS
- U.S. Geological Survey (USGS). 2000. Minerals yearbook 2000. U.S. Department of the Interior. www.minerals.usgs.gov
- Usher, M.B. 1988. Biological invasions of nature reserves: A search for generalizations. *Biological Conservation* 44:119-135.
- Van Dyke, F. and W. C. Klein. 1996. Response of elk to installation of oil wells. *Journal of Mammalogy* 77:1028-1041.
- Vitousek, P.M. 1990. Biological invasions and ecosystem processes: towards an integration of population biology and ecosystem studies. *Oikos* 57:5-13.
- Waldron, F.R., J.R. Donnell, and J.C. Wright. 1951. Geology of DeBeque oil shale area, Garfield and Mesa Counties, Colorado. Oil and Gas Investigations Map OM-114.
- Ward, A. L. 1976. Elk behavior in relation to timber harvest operations and traffic on the Medicine Bow Range in south-central Wyoming. *In* Elk-logging-roads symposium proceedings. University of Idaho. Moscow.
- Ward, A.L. 1986. The response of elk and mule deer to firewood gathering on the Medicine Bow Range in southcentral Wyoming. USDA Forest Service, Rocky Mountain Forest and Range Experimental Station. Fort Collins, Colorado.
- Ward, A. L., N.E. Fornwalt, S.E. Henry, and R.A. Hodorff. 1980. Effects of highway operation practices and facilities on elk, mule deer, and pronghorn antelope. RHW-79-143. Federal Highway Office of Research and Development. Federal Highway Administration. Washington, D.C.
- Walmo, O.F. 1981. Mule and black-tailed deer of North America. Wildlife Management Institute. Washington, D.C.
- Waters, M.R. 1992. Principles of geoarchaeology: A North American perspective. The University of Arizona Press. Tucson.
- Weber, W. A. and R.C. Wittmann. 2001. Colorado flora: Western slope. University Press of Colorado. Boulder.
- Weiss, S. and D.D. Murphy. 1998. A control strategy for invasive species. *Endangered Species UPDATE*. 7 (3 and 4):6.

CHAPTER 5 • REFERENCES

- Whitcomb, R.F., C.S. Robbins, J.F. Lynch, B.L. Whitcomb, M.K. Klimkiewicz, and D. Bystrak. 1981. Effects of forest fragmentation on avifauna of the eastern deciduous forest. *In* Forest island dynamics in man-dominated landscapes. R.L. Burgess and Sharpe, D.M. (eds.). Springer-Verlag. New York.
- Williams, M. and A. Lester. 1996. Annotated bibliography of OHV and other recreational impacts to wildlife. USDA Forest Service, Pacific Southwest Region.
- Wischmeier, W.H. and Smith D.D. 1978. Predicting rainfall erosion losses: a guide to conservation planning. USDA Agricultural Handbook 537. Washington, D.C.
- Witmer, G.W. and D.S. deCalesta. 1985. Effect of forest roads on habitat use by Roosevelt elk. *NW Science* 59(2):22-125.
- Woodling, J. 1984. Game fish of Colorado: An identification guide for sport fish commonly caught in Colorado. Colorado Division of Wildlife. Denver.
- Woodling, J. 1985. (ed.) Colorado's little fish: A guide to the minnows and other lesser-known fishes in the State of Colorado. Colorado Division of Wildlife. Denver.
- World Energy Council (WEC). Survey of energy resources. www.worldenergy.org (4/21/03)
- Young, M.K. (ed.). 1995. Conservation assessment for inland cutthroat trout. General Technical Report RM-256. USDA Forest Service, Rocky Mountain Forest and Range Experimental Station. Fort Collins, Colorado.
- Zink, T.A., M.F. Allen, B.Heindl-Tenhunen, and E.B. Allen. 1995. The effect of a disturbance corridor on an ecological reserve. *Restoration Ecology* 3(4):304-310.