

## 6.0 LITERATURE CITED

- Aldridge, C.L., and M.S. Boyce. 2007. Linking occurrence and fitness to persistence: habitat based approach for endangered greater sage-grouse. *Ecological Applications* 17(2):508–526.
- American Petroleum Institute (API). 1995. Recommended Practice for Oil and Gas Producing and Gas Processing Plant Operations Involving Hydrogen Sulfide, API Recommended Practice 55. Second Edition, Reaffirmed, March 2007, Washington, D.C. February 1995.
- . 2001. Recommended Practice for Drilling and Well Servicing Operations Involving Hydrogen Sulfide, API Recommended Practice 49. Third Edition Reaffirmed, March 2007, Washington, D.C. May 2001.
- Animal and Plant Health Inspection Service (APHIS). 2004. Brucellosis Eradication: Uniform Methods and Rules. Available online at [http://www.aphis.usda.gov/animal\\_health/animal\\_diseases/brucellosis/downloads/umr\\_bovine\\_bruc.pdf](http://www.aphis.usda.gov/animal_health/animal_diseases/brucellosis/downloads/umr_bovine_bruc.pdf). Accessed July 21, 2009
- Anner, T., S. Wolff, B. Wiley, R. Keith, K. Johnson, P. Mavrakis, and C. Meyer. 2006. Modification of the Wyoming Game and Fish Department's system for classifying stream fishes. Wyoming Game and Fish Department Fish Division Administrative Report. Wyoming Game and Fish Department, Cheyenne, Wyoming. March 2006. 9pp.
- Atamian, M., C. Frey, and J. Sedinger. 2006. Dynamics of greater sage-grouse (*Centrocercus urophasianus*) populations in response to transmission lines in central Nevada, Progress Report: Year 4. University of Nevada, Reno, NV.
- Atamian, M., J. Sedinger, and C. Frey. 2007. Dynamics of greater sage-grouse (*Centrocercus urophasianus*) populations in response to transmission lines in central Nevada, Progress Report: Year 5.
- Avian Power Line Interaction Committee (APLIC). 2006. Suggested Practices for Avian Protection on Power Lines: the State of the Art in 2006. Edison Electric Institute, APLIC, and the California Energy Commission. Washington, D.C., and Sacramento, CA.
- Bachu, S., K. Haug, and K. Michael. 2008. Stress Regime at Acid-Gas Injections Operations in Western Canada, ERCB/AGS Special Report 094. Alberta Energy and Utilities Board, Alberta Geological Survey, Edmonton, Alberta.
- Barbknecht, A., J. Rogerson, E. Maichak, L. Linn, W.S. Fairbanks, B. Scurlock, K. Belinda, H. Edwards, and T. Cornish. 2007. Ecology of elk abortion and parturition in the brucellosis endemic area of Wyoming. Project Report submitted to the Wyoming Game and Fish Department, Cheyenne, Wyoming.

- Bartos, T.T., and K.M. Ogle. 2002. Water Quality and Environmental Isotopic Analyses of Ground-Water Samples Collected from the Wasatch and Fort Union Formations in Areas of Coalbed Methane Development—Implications to Recharge and Ground-Water Flow, Eastern Powder River Basin, Wyoming, Water-Resources Investigations Report 02-4045. U.S. Geological Survey, Cheyenne, WY.
- Beard, D. 2009. Range Management Specialist, Tongue River District. Sheridan, Wyoming: United States Forest Service. Personal communication with Matt Spann, Environmental Specialist, SWCA Environmental Consultants, February 3, 2009.
- Beaulaurier, D.L. 1981. Mitigation of Bird Collisions with Transmission Lines. Bonneville Power Administration. Portland, OR.
- Beaulaurier, D.L., B.W. James, P.A. Jackson, J.R. Meyer, and J.M. Lee, Jr. 1982. Pages 539–550 *In* Third Annual International Symposium on Environmental Concerns in Rights-of-Way Management. San Diego, CA.
- Beck, J.L., K.P. Reese, and J.W. Connelly. 2006. Movements and survival of juvenile greater sage-grouse in southeastern Idaho. *Wildlife Society Bulletin* 34(4):1070–1078.
- Bennett, J., and D. Keinath. 2001. Distribution and status of the Yellow-billed Cuckoo (*Coccyzus americanus*) in Wyoming. Unpublished report prepared for the Wyoming Natural Diversity Database, Laramie, WY.
- Bilbey S.A., E. Hall, S.P. Welles, and H. Schultze. 1990. Pliosaurian plesiosaur found in Redwater Member of the Stump Formation (jurassic-oxfordian) of northeastern Utah; abstracts of papers; 15th Annual Meeting, Society of Vertebrate Paleontology. *Journal of Vertebrate Paleontology* 10(3):14A.
- Bilbey, S.A., D. Mickelson, E. Hall, S. Madsen, C. Todd, and J. Kirkland. 2004. Vertebrate ichnofossils from the Upper Jurassic Stump to Morrison formational transition, Flaming Gorge Reservoir, Utah; Sixty-fourth Annual Meeting, Society of Vertebrate Paleontology; abstracts. *Journal of Vertebrate Paleontology* 24(3):39.
- Blickley, J., and G.L. Patricelli. 2007. Measuring the masking potential of noise from energy development for mountain plover (*Charadrius montanus*) vocalizations. Final report prepared for the Bureau of Land Management, Buffalo Field Office, Wyoming. Assistance Agreement: KAA061008. Buffalo, Wyoming.
- Blickley, J. 2008. Examining the effects of noise from energy exploration and development on the breeding biology of the greater Sage-Grouse (*Centrocercus urophasianus*). National Fish and Wildlife Foundation Programmatic Report.
- Board of Commissioners, Sublette County, Wyoming 2008. Sublette County Federal and State Land Use Policy. Available online at: <http://www.pinedaleonline.com/landusepolicy/documents/FedStateLandsPolicy.pdf>. Accessed April 23, 2010.

- Braun, C.E. 1998. Sage-grouse Declines in Western North America: What Are the Problems. *Proceedings of the Western Association of State Fish and Wildlife Agencies* 78:139–156.
- Braun, C.E., T. Britt, and R.O. Wallestad. 1977. Guidelines for maintenance of sage grouse habitats. *Wildlife Society Bulletin* 5(3):99–106.
- Breithaupt, B. 1990. Early Tertiary Fossils and Environments of Wyoming: Jackson to Fossil Butte National Monument *in* Roberts, S., ed, *Geologic Tours of Western Wyoming and parts of adjacent Idaho, Montana, and Utah: Geological Survey of Wyoming Public Information Circular No. 29*, pp. 57–78.
- Brekke, E.B. 1988. Using GIS to determine the effects of CO<sub>2</sub> development on elk calving in south-central Colorado. Bureau of Land Management Technical Note 381. U.S. Department of the Interior, Bureau of Land Management Service Center, Denver, CO.
- Brown, D. 2009. Weed Management Coordinator Mitigation Team, Pinedale Field Office. Pinedale, Wyoming: Bureau of Land Management. Personal communication with Matt Spann, Environmental Specialist, SWCA Environmental Consultants, February 11, 2009.
- Bureau of Land Management (BLM). 1983. Riley Ridge Natural Gas Project Soils/Vegetation/Reclamation Technical Report. Prepared by Environmental Research Group for the Bureau of Land Management and the U.S. Forest Service. May 1983.
- . 1984. Riley Ridge Natural Gas Project Record of Decision.
- . 1986. Visual Resource Inventory, Bureau of Land Management Handbook 8410-1, Washington, D.C.: U.S. Department of the Interior, Bureau of Land Management.
- . 1991. Onshore Oil and Gas Order No. 6, Hydrogen Sulfide Operations, 43 CFR 3160, Federal Register Volume 55, No. 226, Washington, D.C. January 22, 1991.
- . 2002. BLM Wyoming Sensitive Species policy and list. U.S. Department of Interior Bureau of Land Management, Wyoming State Office, Cheyenne.
- . 2005. Documentation of Land Use Plan Conformance and NEPA Adequacy; Riley Ridge Area, Sublette County, Wyoming.
- . 2006. Jonah Infill Drilling Project Final EIS. U.S. Department of the Interior, Bureau of Land Management, Pinedale Field Office, Wyoming.
- . 2007a. Potential Fossil Yield Classification (PFYC) System for Paleontological Resources on Public Lands: Instruction Memorandum No. 2008-009.
- . 2007b. GIS data receipt from BLM - Pinedale Field Office. 31 October 2007. GIS data is available from BLM upon request.

- . 2008a. National Environmental Policy Act Handbook H-1790-1.
  - . 2008b. Pinedale Resource Management Plan/Final Environmental Impact Statement and Record of Decision. U.S. Department of the Interior, Bureau of Land Management, Pinedale Field Office, Wyoming. Available online at [http://www.blm.gov/rmp/wy/pinedale/documents\\_FEIS.html](http://www.blm.gov/rmp/wy/pinedale/documents_FEIS.html). Accessed July 21, 2009.
  - . 2008c. Pinedale Anticline Project Area Supplemental Environmental Impact Statement (SEIS). Bureau of Land Management, Pinedale Field Office, Pinedale, WY.
  - . 2008d. Wildlife survey protocol. Bureau of Land Management, Pinedale Field Office, Pinedale, WY.
  - . 2009a. LaBarge Platform Exploration and Development Project. Available online at [http://www.blm.gov/wy/st/en/info/NEPA/pfodocs/labarge\\_platform.html](http://www.blm.gov/wy/st/en/info/NEPA/pfodocs/labarge_platform.html). Accessed August 3, 2009.
  - . 2009b. Proper functioning condition survey data for requested streams. From Jessica Pettee. 12 January 2009. Survey data is available from BLM upon request.
  - . 2009c. GIS data receipt of species data from BLM - Pinedale Field Office. 21 March 2009. GIS data is available from BLM upon request.
  - . 2009d. GIS data receipt of sage-grouse lek perimeter data from BLM - Pinedale Field Office. 30 July 2009. GIS data is available from BLM upon request.
  - . 2009e. GIS data receipt of Range Allotment data from BLM - Pinedale Field Office. 1 January 2009. GIS data is available from BLM upon request.
  - . 2010. Greater sage-grouse habitat management policy on Wyoming Bureau of Land Management (BLM) administered public lands including the federal mineral estate. Instruction Memorandum No. WY-2010-012. Cheyenne, Wyoming.
- Bureau of Land Management (BLM) and Wyoming State Historic Preservation Office (SHPO). 2006. Programmatic Agreement among the Bureau of Land Management Advisory Council on Historic Preservation, and the National Conference of State Historic Preservation Officers Regarding the Manner in which BLM will meet its Responsibilities under the National Historic Preservation Act: State Protocol Between The Wyoming Bureau of Land Management State Director and The Wyoming State Historic Preservation Officer. Bureau of Land Management. Available online at <http://wyoshpo.state.wy.us/Section106/pdf/ProtocolFinal.pdf>. Accessed March 13, 2009.

- Buseck, R.A., D.A. Keinath, and M.H. McGee. 2004. Species assessment for sage thrasher (*Oreoscoptes montanus*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.
- Carr, P., and R. Preston. 1999. Risk Assessment of Deepwater Gas Trunklines, 2nd International Deepwater Pipeline Technology Conference, New Orleans, LA.
- Case, James C., Rachel N. Toner, and Robert Kirkwood. 2002. Basic Seismological Characterization for Sublette County, Wyoming. Wyoming State Geological Survey.
- Cerovski, A.O. 2007. Threatened, endangered, and nongame bird and mammal investigations. Wyoming Game and Fish Department, Nongame Program, Lander. Available online at <http://gf.state.wy.us/wildlife/nongame/AnnualCompletionReport/index.asp>. Accessed February 2009.
- Cerovski, A.O., M. Grenier, B. Oakleaf, L. Van Fleet, and S. Patla. 2004. Atlas of Birds, Mammals, Amphibians, and Reptiles in Wyoming. Wyoming Game and Fish Dept. Nongame Program, Lander.
- Chapman, S.S., S.A. Bryce, J.M. Omernik, D.G. Despain, J. ZumBerge, and M. Conrad. 2004. Ecoregions of Wyoming (color poster with map, descriptive text, summary tables, and photographs): Reston, Virginia, U.S. Geological Survey (map scale 1:1,400,000).
- Cimarex Energy. 2008. Riley Ridge/Rands Butte Project: Responsible Development in a Changing Environment. Rands Butte Ecological Assessment Public Scoping Meeting, Marbleton, Wyoming.
- Connelly, J.W., A.D. Apa, R.B. Smith, and K.P. Reese. 2000. Effects of predation and hunting on adult sage grouse *Centrocercus urophasianus* in Idaho. *Wildlife Biology* 6:227–232.
- Connelly, J.W., S.T. Knick, M.A. Schroader, and S.J. Stiver. 2004. Conservation Assessment of Greater Sage-grouse and Sagebrush Habitats. Cheyenne, WY: Western Association of Fish and Wildlife Agencies.
- ConocoPhillips. 2006. Health, Safety, and Environmental Handbook, Exploration and Production, Lower 48, Houston, TX.
- Cook W. 2009. Personal communication, telephone conversation with Dr. Walt Cook, Assistant State Veterinarian, and Matthew Spann, SWCA, December 16, 2009.
- Cornwell, J.B., and W.E. Martinsen. 1994. Quantitative Risk Analysis of the Wahsatch Gas Gathering Pipeline System. Quest Consultants Inc. Norman, Oklahoma 73069.
- Consensus Revenue Estimating Group (CREG). 2009. Revenue Forecast Fiscal Year 2009 – Fiscal Year 2014. Available online at [http://eadiv.state.wy.us/creg/GreenCREG\\_Jan09.pdf](http://eadiv.state.wy.us/creg/GreenCREG_Jan09.pdf). Accessed July, 2009.

- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of Wetland and Deep Water Habitats of the United States. Performed for Office of Biological Services, Fish and Wildlife Service, U. S. Department of the Interior, Washington, D.C.
- Crowley D. 2009. BLM Archaeologist. Pinedale Field Office. Personal communication, with Scott Phillips, Archaeologist, SWCA, February 4, 2009.
- Cuffey, R.J., and J.E. Ehleiter. 1984. New Bryozoan Species from the Mid-Jurassic Twin Creek and Carmel Formations of Wyoming and Utah. *Journal of Paleontology* 58(3):668–682.
- Cutler, S.J., A.M. Whatmore, and N.J. Commander. 2005. Brucellosis - New Aspects of an Old Disease. *Journal of Applied Microbiology* 98(6):1270–1281.
- Dark-Smiley, D.N., and D.A. Keinath. 2004. Species assessment for long-billed curlew (*Numenius americanus*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.
- De Bruin, R.H. 2005. Helium resources of Wyoming. Resources of Southwestern Wyoming, Field Conference Guidebook, 1995. Wyoming Geological Association, 2005.
- Denison, R.H. 1968. Middle Devonian Fishes from the Lemhi range of Idaho. *Fieldiana Geology* 16(10):269–288.
- Doelger, N.M. 1987. The stratigraphy of the Nugget Sandstone, *in* Miller, W.R., ed., The thrust belt revisited: Wyoming Geological Association Guidebook, 38th Field Conference, p. 163–178.
- Domenico, P.A., and F.W. Schwartz. 1998. Physical and Chemical Hydrogeology, Second Edition. John Wiley and Sons, New York, NY.
- Donch, D.A., and A.A. Gertonson. 2008. Status Report Fiscal Year 2008. Cooperative State-Federal Brucellosis Eradication Program.
- Dorr, J.A., Jr. 1985. Newfound Early Cretaceous dinosaurs and other fossils in southeastern Idaho and westernmost Wyoming: Contributions from the Museum of Paleontology, University of Michigan. 27(3):73–85.
- Easterly, T., A. Wood, and T. Litchfield. 1991. Responses of pronghorn and mule deer to petroleum development on crucial winter range in the Rattlesnake Hills. Unpublished completion report. Wyoming Game and Fish Department. Cheyenne, WY.
- Ellis, K.L. 1984. Behavior of lekking sage grouse in response to a perched golden eagle. *Western Birds* 15:37–38.

- Emmerich, J. 2009a. Comments on the Final Draft Rands Butte Draft Environmental Assessment in Sublette County. Letter submitted to Bureau of Land Management, Pinedale Field Office. December 7, 2009.
- . 2009b. Comments on the Rands Butte Draft Environmental Assessment in Sublette County. Letter submitted to Bureau of Land Management, Pinedale Field Office. May 27, 2009.
- Environmental Protection Agency (EPA). 1974, Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety, EPA-550/9-74-004, Washington, D.C., March.
- . 2001. Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-To-Know Act (EPCRA) and Section 112(r) of the Clean Air Act. United States Office of Solid Waste EPA 550-B-01-003. October 2001.
- . 2007. U.S. Environmental Protection Agency, Washington, D.C., and National Oceanic and Atmospheric Administration, Seattle, WA, 2007. ALOHA User Manual
- . 2008a. National Ambient Air Quality Standards. Available online at <http://www.epa.gov/air/criteria.html>. Accessed April 2009.
- . 2008b. Risk Assessment Portal. Available online at <http://www.epa.gov/risk/basicinformation.htm#risk>. Accessed March 2009.
- . 2008c. Castnet Data for Pinedale. Available online at <http://www.epa.gov/castnet/sites/pnd165.html>. Accessed April 2009.
- . 2008d. Visibility in our Nation's Parks and Wilderness Areas. Available online at <http://www.epa.gov/air/visibility/monitor.html>. Accessed April 2009.
- . 2008e. eGRID2007 Version 1.0 Year 2005 Summary Tables (created September 2008). Available online at <http://www.epa.gov/cleanenergy>. Accessed March 13, 2009.
- . 2009a. STORET Data Warehouse. Available online at [http://www.epa.gov/storet/dw\\_home.html](http://www.epa.gov/storet/dw_home.html). Accessed July 21, 2009.
- . 2009b. Region 8 Sole Source Aquifer (SSA) Program. Available online at <http://www.epa.gov/region8/water/solesource.html>. Accessed January 15, 2010.
- . 2009c. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2006. Available online at <http://www.epa.gov/climatechange/emissions/usinventoryreport.html>. Accessed July 21, 2009.
- . 2009d. Clean Energy. Available online at Available online at <http://www.epa.gov/cleanenergy>. Accessed March 13, 2009.

- . 40 CFR Part 355—Emergency Planning and Notification. Available online at <http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=5fc8e8e3aaf2d0c06a2e4422bd279c23&rgn=div5&view=text&node=40%3A27.0.1.1.11&idno=40>. Accessed February 25, 2009.
- . 40 CFR Part 302—Designation, Reportable Quantities, and Notification. Available online at <http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=f846813b9d5ff5934f71d8e8360dd02e&rgn=div5&view=text&node=40:27.0.1.1.2&idno=40>. Accessed February 25, 2009.
- Eyer, J.A. 1969. Gannett Group of western Wyoming and southeastern Idaho. *The American Association of Petroleum Geologists Bulletin* 53(7):1368–1390.
- Faanes, C.A. 1987. Bird Behavior and Mortality in Relation to Power Lines in Prairie Habitats. U.S. Fish and Wildlife Service. Fish and Wildlife Technical Report 7.
- Farr, C. 2009. Personal communication, telephone conversation with Cara Farr, Rangeland Management Specialist, BLM Pinedale Field Office, and Matthew Spann, SWCA, December 30, 2009).
- Federal Emergency Management Agency (FEMA). 2002. Hazard Mitigation Handbook Series, Earthquake Handbook, Chapter 2, Mitigation Measures for Utility Equipment and Systems, Washington, .DC.
- Fertig, W. 1998. Plant species of special concern of the Ross Butte ecosystem, Sublette County, Wyoming. Prepared for the Bureau of Land Management Wyoming State Office and Rocks Springs District by the Wyoming Natural Diversity Database, Laramie, WY.
- Fertig, W., C. Refsdal, and J. Whipple. 1994. Wyoming rare plant field guide. Wyoming Rare Plant Technical Committee, Cheyenne Wyoming.
- Fertig, W., R. Black, and P. Wolken. 2005. Rangewide status review of Ute Ladies'-Tresses (*Spiranthes diluvialis*). Prepared for U.S. Fish and Wildlife Service and Central Utah Water Conservancy District. September 30, 2005.
- Fralick, G. 2008. Job Completion Report – 2007. Wyoming Game and Fish Department, Pinedale, Wyoming.
- Freddy, D.J., W.M. Bronaugh, and M.C. Fowler. 1986. Responses of mule deer to disturbance by persons afoot and snowmobiles. *Wildlife Society Bulletin* 14:63–68.
- Gazin, C.L. 1965. Early Eocene Mammalian Faunas and their Environment in the Vicinity of Rock Springs Uplift, Wyoming in Sedimentation of Late Cretaceous and Tertiary Outcrops, Rock Springs Uplift: Wyoming Geological Association Nineteenth Annual Field Conference Guidebook, p. 171–180.

- Geesey, M. 2001–2007. Cost of Maintaining County Government in Wyoming for Fiscal Years July 2001–June 2002, July 2002–June 2003, July 2003–June 2004, July 2004–June 2005, July 2005–June 2006, July 2006–June 2007. As Prepared from Reports Submitted to the Department of Audit, Public Funds. Cheyenne, WY.
- Goddard Institute for Space Studies. 2007. Annual Mean Temperature Change for Three Latitude Bands. Datasets and Images. GISS Surface Temperature Analysis, Analysis Graphs and Plots. New York, New York. Available online at <http://data.giss.nasa.gov/gistemp/graphs/fig.B.lrg.gif>. Accessed March 13, 2009.
- Green, G.N., and P.H. Drouillard. 1994. The Digital Geologic Map of Wyoming in ARC/INFO Format: *U.S. Geological Survey Open-File Report 94-0425*.
- Green, J.S., and J.T. Flinders. 1980. *Brachylagus idahoensis*. Mammalian Species 125:1–4.
- Grogan and Lindzey. 2007. Pronghorn survival in Wyoming. Final Report. Prepared for Wyoming Game and Fish Department by Wyoming Cooperative Fish and Wildlife Research Unit, Laramie, Wyoming.
- Guenzel, R.J. 1987. Rattlesnake Antelope. Pages 146–183 *In* District 7, 1987 Annual Big Game Herd Unit Reports. Wyoming Game and Fish Department. Cheyenne, WY.
- Gunnell, G.F. 1994. Paleocene mammals and faunal analysis of the Chappo type locality (Tiffanian), Green River Basin, Wyoming. *Journal of Vertebrate Paleontology* 14(1):81–104.
- Gusey, W.F. 1986. Terrestrial wildlife and the petroleum industry: Interactions and relationships. Technical Report. Shell Oil Company, Houston, TX.
- Gutschick, R.C., and J. Rodriguez. 1990. By-the-wind-sailors from a Late Devonian foreshore environment in western Montana. *Journal of Paleontology* 64(1):31–39.
- Hamblin, A.H., S.A. Bilbey, and J.E. Hall. 2000. Prehistoric Animal Tracks at Red Fleet State Park, Northeastern Utah. *In* *Geology of Utah's Parks and Monuments*, eds. D.A. Sprinkel, T.C. Chidsey, Jr., and P.B. Anderson. p. 1–10.
- Hansley, P.L., and G.P. Beauvais. 2004a. Species assessment for Brewer's sparrow (*Spizella breweri*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.
- . 2004b. Species assessment for sage sparrow (*Amphispiza belli*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.
- Hayden-Wing Associates. 1990. Response of elk to Exxon's field development in the Riley Ridge area of western Wyoming 1979-1990. Technical report prepared for Exxon Company, USA and Wyoming Game and Fish Department.

- Headwaters Economics. 2007a. A SocioEconomic Profile Lincoln County, Wyoming. Available online at [http://www.headwaterseconomics.org/profiles/p\\_Lincoln\\_County\\_Wyoming.pdf](http://www.headwaterseconomics.org/profiles/p_Lincoln_County_Wyoming.pdf). Accessed July 24, 2008.
- . 2007b. A SocioEconomic Profile Sublette County, Wyoming. Available online at [http://www.headwaterseconomics.org/profiles/p\\_Sublette\\_County\\_Wyoming.pdf](http://www.headwaterseconomics.org/profiles/p_Sublette_County_Wyoming.pdf). Accessed July 24, 2008.
- Hebblewhite, M. 2008. A literature review of the effects of energy development on ungulates: Implications for central and eastern Montana. Report prepared for Montana Fish, Wildlife and Parks, Miles City, MT.
- Heidel, B., and W. Fertig. 2003. State Species Abstract for Trelease's Racemose Milkvetch. Wyoming Natural Diversity Database, Laramie, WY. Available online at <http://uwadmnweb.uwyo.edu/wyndd/info.asp?p=3682>. Accessed February 8, 2009.
- 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, WY.
- Hirsch, C.L., S.E. Albeke, and T.P. Nesler. 2006. Range-wide status of Colorado River cutthroat trout (*Oncorhynchus clarkii pleuriticus*): 2005. Colorado River cutthroat trout Conservation Team Report. Colorado Division of Wildlife, Fort Collins, Colorado.
- Holloran, M.J., and S.H. Anderson. 2005. Greater Sage-grouse Research in Wyoming: An Overview of Studies Conducted by the Wyoming Cooperative Fish and Wildlife Research Unit Between 1994 and 2005. Appendix C in Holloran Ph.D. Dissertation, University of Wyoming, Laramie, Wyoming.
- Huang, N.S., Aho, G.E., Baker, B.S., Matthews, T.R., Pottorf, R.J.. 2008. Integrated reservoir modeling to maximize the value of a large sour-gas field with high concentrations of inerts. International Petroleum Technology Conference, Dubai, U.A. E., 2007.
- Huck, T. 2007. A Charged Situation, Ted Huck, MATCOR, USA Discusses the Investigation and Mitigation of AC Induced Corrosion, Reprinted from World Pipelines. Available online at [www.worldpipelines.com](http://www.worldpipelines.com). Accessed July 2009.
- Imlay, R.W. 1952. Marine origin of Preuss sandstone of Idaho, Wyoming, and Utah. Bulletin of the American Association of Petroleum Geologists 36(9):1735–1753.
- . 1967. Twin Creek Limestone (Jurassic) in the Western Interior of the United States. U.S. Geological Survey Professional Paper 540.

- Intergovernmental Panel on Climate Change (IPCC). Climate Change 2007, Synthesis Report. A Report of the Intergovernmental Panel on Climate Change.
- ION Consulting. 2009. Letter to Scott Stinson, Project Manager for Riley Ridge Madison Gas Development. RE: Assessment of On-Site Generation for the Cimarex Riley Ridge Project.
- Jacquet, J. 2005. Sublette County Socioeconomics. Available online at <http://www.sublette-se.org/Documents.html>. Accessed July 29, 2008.
- . 2008. County grew by 9.4% in 2007 according to Census Bureau. Pinedale Online. Sublette County Community Partnership. Available online at <http://www.pinedaleonline.com/news/2008/03/Countygrewby94in2007.htm>. Accessed April 15, 2008.
- James, B.W., and B.A. Haak. 1979. Factors Affecting Avian Flight Behavior and Collision Mortality at Transmission Lines. Final Report. Bonneville Power Administration. Portland, OR.
- Jimenez, M.D., D.W. Smith, S.P. Woodruff, D.R. Stahler, E. Albers, and R.F. Krischke, 2009. Wyoming Wolf Recovery 2008 Annual Report. Pages WY-1 to WY-46 in Rocky Mountain Wolf Recovery 2008 Interagency Annual Report. C.A. Sime and E.E. Bangs, eds. USFWS, Ecological Services, 585 Shepard Way, Helena.
- Johnson, D.E. 2006. A Historical Assessment of Opal Wagon Road Segments Between LaBarge and Big Piney, Lincoln and Sublette Counties, Wyoming (05-WAS-942). Western Archaeological Services prepared for Questar Gas Management.
- Keinath, D.A., and C. Schneider. 2005. *Species assessment for Loggerhead shrike (Lanius ludovicianus)* in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.
- Kistner, T.P., K.R. Greer, D.E. Worley, and O.A. Brunetti. 1982. Diseases and Parasites. In *Elk of North America: Ecology and management*, J.W. Thomas and D.E. Toweill (eds). Stackpole Books, Harrisburg, Pennsylvania, pp 181–217.
- Knight, R.L., and J.Y. Kawashima. 1993. Response of raven and red-tailed hawk populations to linear right-of-ways. *Journal of Wildlife Management* 57(2):266–271.
- Korn, D., and A. Titus. 2006. The ammonoids from the Three Forks Shale (Late Devonian) of Montana. *Fossil Record* 9(2):198–212.
- Kotliar, N.B., B.W. Baker, A.D. Whicker, and G. Plumb. 1999. A critical review of assumptions about the prairie dog as a keystone species. *Environmental Management* 24(2):177–192.

- Kroll, C., and T. Priestly. 1992. The Effects of Overhead Transmission Lines on Property Values. Available online at <http://staff.haas.berkeley.edu/kroll/pubs/tranline.pdf>. Accessed November 17, 2008.
- Langbein, J., and R.J. Putman. 1992. Behavioural responses of Park Red and Fallow Deer to disturbance and effects on population performance. *Animal Welfare* 1:19–38.
- Laal, R., T.M. Sobecki, T. Iivari, and J.M. Kimble. 2004. Soil Degradation in the United States: Extent, Severity, and Trends. Lewis Publishers, Boca Raton, LA.
- LaRocque, A., and C.D. Edwards. 1954. Bear River and Aspen formations in Willow Creek, Teton County, Wyoming. *Geological Society of America Bulletin* 65(4):315–325.
- Li, S., and Y. Zhagn. 2009. Assessment of CO<sub>2</sub> Storage and Migration in the Nugget Sandstone, Moxa Arch, Wyoming: A Poster Presentation by Department of Geology & Geophysics, University of Wyoming, Laramie, Wyoming.
- Love, J.D., and A.C. Christiansen. 1985. Geologic map of Wyoming: U.S. Geological Survey, 1:500,000.
- Manahan, S.E. 1990. Environmental Chemistry, Fourth Edition. Lewis Publisher, Boston, MA.
- Mansfield, G.R. 1952. Geography, geology, and mineral resources of the Ammon and Paradise Valley quadrangles, Idaho. U.S. Geological Survey Professional Paper 238.
- Martin, C.D. 1973. Selected aspects of burrowing owl ecology and behavior. *Condor* 75:446–456.
- Mason, J.P., and K.A. Miller. 2005. Water Resources of Sweetwater County, Wyoming, Scientific Investigations Report 2004-5214, U.S. Department of the Interior U.S. Geological Survey, Reston, Virginia.
- Mattson, D.J., C.M. Gillin, S.A. Benson, and R.R. Knight. 1991. Bear feeding activity at alpine insect aggregation sites in the Yellowstone ecosystem. *Canadian Journal of Zoology* 69:2430–2435.
- McGee, M., and D. Keinath. 2004. Species assessment for boreal toad (*Bufo boreas boreas*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.
- McNees, L.M, D. Vlcek, and J.A. Lowe. 2006. [DRAFT] A Cultural Resources Overview of the Pinedale Field Office, Bureau of Land Management, Wyoming. On file at the BLM PFO, Pinedale, Wyoming.
- Meaney, C., and G.P. Beauvais. 2004. Species assessment for Canada lynx (*Lynx canadensis*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.

- Meyer, J.R. 1978. Effects of Transmission Lines on Bird Flight Behavior and Collision Mortality. Prepared for the Bonneville Power Administration Engineering and Construction Division. Portland, OR.
- Meyer, J., Sharon Garland, and Michael Walden-Newman. 2008. Annual Report of the Treasurer, State of Wyoming. For the Period July 1, 2007 to June 30, 2008
- Michael, R.H. 1960. Hogsback and Tip Top Units, Sublette and Lincoln Counties, Wyoming. Wyoming Geological Association 15th Annual Field Conference Guidebook, p. 211–216.
- Miller, S.G. 1998. Environmental impacts: the dark side of outdoor recreation. *In* Conference on Outdoor Recreation: Promise and Peril in the New West. Colorado.
- Moody, D.S., D. Hammer, M. Bruscano, D. Bjornlie, R. Grogan, and B. Debolt. 2002. Wyoming Grizzly Bear Management Plan. Wyoming Game and Fish Department, Cheyenne, Wyoming, USA.
- Morgantini, L.E., and R.J. Hudson. 1980. Human disturbance and habitat selection in elk. Pages 132–139 *in* M.S. Boyce and L.D. Hayden-Wing, eds. North American Elk: Ecology, Behavior and Management. University of Wyoming, Laramie.
- Muhlbauer, W.K. 2006. Enhanced Pipeline Risk Assessment, Part 2, Assessment of Pipeline Failure Consequences, Revision 1. WKM Consultancy, Houston, TX.
- Munn, L.C., and C.S. Arneson. 1998a. 1:100,000-Scale Digital Soils Map of Wyoming: University of Wyoming Agricultural Experiment Station, Laramie, Wyoming. Available online at <http://www.sdv.uwo.edu/100k/soil100.html>. Accessed June 17, 2009.
- . 1998b. 1:500,000-Scale Digital Soils Map of Wyoming: University of Wyoming Agricultural Experiment Station, Laramie, Wyoming.
- National Academy of Sciences. 2006. Understanding and Responding to Climate Change: Highlights of National Academies Reports. Division on Earth and Life Studies. National Academy of Sciences. Washington, D.C. Available online at <http://dels.nas.edu/basc/Climate-HIGH.pdf>. Accessed March 13, 2009.
- National Energy Technology Laboratory (NETL). 2009. Monitoring, Verification, and Accounting of CO<sub>2</sub> stored in deep geologic formations. DOE/NETL-311/081508, National Energy Technology Laboratory. January 2009. Available online at [http://www.netl.doe.gov/technologies/carbon\\_seq/refshelf/MVA\\_Document.pdf](http://www.netl.doe.gov/technologies/carbon_seq/refshelf/MVA_Document.pdf). Accessed April 15, 2009.
- National Renewable Energy Laboratory (NREL). 2002. Wind Farm Area Calculator. Available online at [http://www.nrel.gov/analysis/power\\_databook/calc\\_wind.php](http://www.nrel.gov/analysis/power_databook/calc_wind.php). Accessed April 15, 2009.

- Natural Resources Conservation Service (NRCS) 2007. National Soil Survey Handbook, title 430-VI. Available online at <http://soils.usda.gov/technical/handbook>. Accessed June 17, 2009.
- . 2009. Soil Data Mart. Available online at <http://soildatamart.nrcs.usda.gov/Default.aspx>. Accessed January 15, 2010.
- Nelson, C.R., J.M. Evans, J.A. Sorenson, E.N. Steadman, and J.A. Harju. 2005. Factors Affecting the Potential for CO<sub>2</sub> Leakage from Geological Sinks. Energy and Environmental Research Center, University of North Dakota, Grand Forks, ND.
- Nicholoff, S.H. (compiler). 2003. Level II birds. Wyoming bird conservation plan. Version 2.0. Wyoming Partners In Flight. Lander: Wyoming Game and Fish Department. Available online at <http://www.blm.gov/wildlife/plan/WY/Level%20II%20birds.pdf>. Accessed February 2009.
- North Wind, Inc. 2009a. Draft Riley Ridge elk study. In process. Available upon request from North Wind, Inc.
- . 2009b. Piney Front elk study. In process. Available upon request from North Wind, Inc.
- Office of State Lands and Investments (OSLI). 2009. Rules and Regulations – Board of Land Commissioners. Chapter 3 – Easements. Available online at [http://soswy.state.wy.us/Rules/Rule\\_Search\\_Main.asp](http://soswy.state.wy.us/Rules/Rule_Search_Main.asp). Wyoming Secretary of State website. Accessed June 16, 2009.
- Olendorff, R.R., and R.N. Lehman. 1986. Raptor Collisions with Utility Lines: An Analysis Using Subjective Field Observations, prepared by U.S. Department of the Interior, Bureau of Land Management, Sacramento, Calif., for Pacific Gas and Electric Company, San Roman, Calif., Feb. 1986.
- Oriel, S.S. 1962. Main body of Wasatch Formation near La Barge, Wyoming. *Bulletin of the American Association of Petroleum Geologists* 46(12):2161–2173.
- Oriel, S.S., and L.B. Platt. 1980. Geologic map of the Preston 1° x 2° quadrangle, southeastern Idaho and western Wyoming. U.S. Geological Survey Miscellaneous Investigations Map Series, Map I-1127.
- Osvold, K. 2010. Helium Resource Significance Overview Points: Cimarex ,Inc., Rands Butte Project EA, Riley Ridge Area, Wyoming. BLM Wyoming Reservoir Management Group, April, 2010.
- Ozog, H. 2002. Designing an Effective Risk Matrix. An ioMosaic Corporation Whitepaper. Salem, NH.

- Patla, D.A., and D.A. Keinath. 2005. Species assessment for Columbia spotted frog (*Rana luteiventris*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.
- Pauli, J.N., R.M. Stephens, and S.H. Anderson. 2006. White-tailed prairie dog (*Cynomys leucurus*): a technical conservation assessment. USDA Forest Service, Rocky Mountain Region. Available online at <http://uwstudentfpweb.uwyo.edu/J/JPAULI/whitetailedprairiedog.pdf>. Accessed February 12, 2009.
- Peterson, J.A. 1986, Paleotectonics and Sedimentation in the Rocky Mountain Region, United States. AAPG Memoir 41, p. 693.
- Petroleum Association of Wyoming. 2007. Oil and Gas Facts. Available online at <http://www.pawyo.org/facts.html>. Accessed July 8, 2009.
- Philip, G.M. 1963. A new regular echinoid from the jurassic of Wyoming, U.S.A. Journal of Paleontology 37(5):1110–1115.
- Picard, M.D. 1977. Petrology of the Jurassic Nugget Sandstone, northeast Utah and southwest Wyoming. Wyoming Geological Association 29th Annual Field Conference Guidebook, p. 239–258.
- Pitman, J.C., C.A. Hagen, R.J. Robel, T.M. Loughin, R.D. Applegate. 2005. Location and success of lesser prairie-chicken nests in relation to vegetation and human disturbance. The Journal of Wildlife Management 60(3):1259–1269.
- Pruett, C.L., M.A. Patten, and D.E. Wolfe. 2009. Avoidance behavior by prairie grouse: Implications for development of wind energy. Conservation Biology 59(3):257–262.
- Rapanos v United States, 547 US. 2006. 126 U.S. Sup. Court. 2208.
- Reynolds, R.T., S.M. Joy, and D.G. Leslie. 1994. Nest productivity, fidelity, and spacing of northern goshawks in northern Arizona. Studies in Avian Biology 16:106–113.
- Robertson, A., and S. Shaw. 2006. Failure Modes and Effects Analysis (FMEA). EnviroMine: Environmental Technology for Mining. San Diego, CA.
- Rodemaker, E., and K.L. Driese. 2007 Mapping land Cover Using Remote Sensing, GIS and Aerial Photography for the SW Wyoming, Pinedale and Green River Wyoming Game and Fish Department Regions. Wyoming Game and Fish Department, Cheyenne, Wyoming.
- Roehler, H.W. 1991a. Geology of the Eocene Wasatch, Green River, and Bridger (Washakie) Formation, Greater Green River Basin, Wyoming, Utah, and Colorado: Introduction to Greater Green River Basin geology, physiography, and history of investigations. U.S. Geological Survey Professional Paper 1506-A.

- . 1991b. Geology of the Eocene Wasatch, Green River, and Bridger (Washakie) Formations, Greater Green River Basin, Wyoming, Utah, and Colorado: Revised stratigraphic nomenclature for the Wasatch and Green River Formations of Eocene Age, Wyoming, Utah and Colorado. U.S. Geological Survey Professional Paper 1506-B.
- . 1992. Geology of the Eocene Wasatch, Green River, and Bridger (Washakie) Formation, Greater Green River Basin, Wyoming, Utah, and Colorado: Introduction to Greater Green River Basin geology, physiography, and history of investigations. U.S. Geological Survey Professional Paper 1506-A.
- Rowland, M., M. Wisdom, B. Johnson, and J. Kie. 2000. Elk distribution and modeling in relation to roads. *Journal of Wildlife Management* 64:672–684.
- Rowland, M.M., M.J. Wisdom, B.K. Johnson, and M.A. Penninger. 2005. Effects of Roads on Elk: Implications for Management in Forested Ecosystems. Pages 42–52 *in* Wisdom, M.J., technical editor, *The Starkey Project: a synthesis of long-term studies of elk and mule deer*. Reprinted from the 2004 Transactions of the North American Wildlife and Natural Resources Conference, Alliance Communications Group, Lawrence, Kansas, USA.
- Ruediger, W., J. Claar, S. Gniadek, B. H., L. Lewis, S. Mighton, B. Naney, G. Patton, T. Rinaldi, J. Trick, A. Vandehey, F. Wahl, N. Warren, D. Wenger, and A. Williamson. 2000. Canada lynx conservation assessment and strategy, 2nd edition. USDA Forest Service, USDI Fish and Wildlife Service, USDI Bureau of Land Management, and USDI National Park Service. Forest Service Publication #R1-00-53. Missoula, Montana.
- Sawyer, H., F. Lindzey, and D. McWhirter. 2005. Mule deer and pronghorn migration in western Wyoming. *Wildlife Society Bulletin* 33:1266–1273.
- Sawyer, H., R. Nielson, F. Lindzey, and L. McDonald. 2006. Winter habitat selection of mule deer before and during development of a natural gas field. *Journal of Wildlife Management* 70:396–403.
- Schwartz, C.C., M.A. Haroldson, K.A. Gunther, and D.S. Moody. 2002. Distribution of grizzly bears in the Greater Yellowstone Ecosystem, 1983–2000. *Ursus* 13:203–212.
- SE Group. 2004. White Pass MDP FEIS Project File. Additional Air Quality and Noise Information. Technical Memorandum, available online at [http://www.fs.fed.us/r6/wenatchee/projects/white-pass/feis/Appendices-Figures/13\\_FINAL-Appendix-K-Additional-Air-Quality-and-Noise-Information.pdf](http://www.fs.fed.us/r6/wenatchee/projects/white-pass/feis/Appendices-Figures/13_FINAL-Appendix-K-Additional-Air-Quality-and-Noise-Information.pdf). Accessed May 29, 2008.

- Seesholtz, David. 2004. Chapter 3, Affected Environment and Environmental Consequences: Social and Economic Environment in *Environmental Impact Statement, Ojo Caliente Proposed Transmission Line*. Available online at [http://www.fs.fed.us/r3/carson/plans/ojo\\_caliente/html/ch3-part7.html](http://www.fs.fed.us/r3/carson/plans/ojo_caliente/html/ch3-part7.html). Accessed October 30, 2008.
- Seinfeld, J.H. 1986. *Atmospheric Chemistry and Physics of Air Pollution*. J. Wiley & Sons Inc., New York.
- Servheen, C. 1999. Status and management of the grizzly bear in the lower 48 United States. Pages 50–54 in C. Servheen, S. Herrero, and B. Peyton, editors. *Bears—Status survey and Conservation Action Plan*. IUCN/SSC Bear and Polar Bear Specialists Groups. IUCN, Gland, Switzerland, and Cambridge, UK.
- Siello, S.E., and A. Mays (eds). 1998. *The Merck Veterinary Manual*, 8th Edition. National Publishing, Inc., Philadelphia, Pennsylvania, pp. 998–1002. Available online at <http://www.merckvetmanual.com/mvm/index.jsp?cfile=htm/bc/110502.htm&word=brucellosis>. Accessed June 26, 2009.
- Slater, S.J., and J.P. Smith. 2008. Effectiveness of Raptor Perch Deterrents on an Electrical Transmission Line in Southwestern Wyoming. Final Report. Prepared for BLM Kemmerer Field Office by HawkWatch International, Inc.
- Smith, S. 2009. Personal communication, e-mail from Scott Smith, Biologist, Wyoming Game and Fish Department, to Chris Haas, SWCA, July 10, 2009.
- Smith, S. 2008. Riley Ridge elk/Cimarex gas processing & carbon sequestration: wildlife issues. Letter submitted to Office of State Lands & Investments. June 14, 2008.
- Smith, H., and D.A. Keinath. 2004a. Species assessment for northern goshawk (*Accipiter gentilis*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.
- . 2004b. Species assessment for mountain plover (*Charadrius montanus*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.
- Soil Survey Staff. 1993. *Soil Survey Manual*. Soil Conservation Service. U.S. Department of Agriculture Natural Resources Conservation Service: Handbook 18.
- . 1999. *Soil Taxonomy: A Basic System of Soil Classification for Making and Interpreting Soil Surveys*. 2<sup>nd</sup> Ed. U.S. Department of Agriculture Natural Resources Conservation Service: Handbook 436.
- Spatial Data and Visualization Center (SDVC). 1998. *Wyoming Ground Water Vulnerability Assessment Handbook, Volume 1, Background, Model Development, and Aquifer Sensitivity Analysis*. SDVC 98-01, 1998. Spatial Data and Visualization Center, University of Wyoming, Laramie, WY.

- State of Washington, Energy Facility Site Evaluation Council, February 7, 2001. Sumas Energy 2 Generation Facility, Final Environmental Impact Statement, EFSEC Application No. 99-01, Olympia, WA.
- State of Wyoming. 2002. Wyoming Department of Administration and Information, Division of Economic Analysis. Annual Population for Wyoming, Counties, and Municipalities: 1980 to 1990. Available online at <http://eadiv.state.wy.us/pop/c&sc8090.htm>. Accessed March 13, 2009.
- . Wyoming Department of Administration and Information. Annual Reports for 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007. Available online at <http://www-wsl.state.wy.us/slpub/reports/>. Accessed August 5–7, 2008.
- . 2007. Crime in Wyoming, Annual Report. Office of Attorney General. January through December. Available online at <http://attorneygeneral.state.wy.us/dci/CrimeInWyomingReports.html>. Accessed September 11, 2008.
- . 2008a. Department of Administration and Information – Economic Analysis Division. Population for Wyoming, Counties, Cities, and Towns: 2000 to 2030. Available online at <http://eadiv.state.wy.us/pop/wyc&sc30.pdf>. Accessed March 13, 2009.
- . 2008b. Department of Administration and Information – Economic Analysis Division. Wyoming Population Estimates and Forecasts. Available online at <http://eadiv.state.wy.us/pop/wyc&sc30.pdf>. Accessed March 13, 2009.
- . 2008c. Department of Administration and Information – Economic Analysis Division. Wyoming Cost of Living for the Fourth Quarter 2007. Available online at <http://eadiv.state.wy.us/wcli/NewsRelease-4Q07.pdf>. Accessed March 13, 2009.
- . 2009. Outdoor Lighting, State of Wyoming, Senate File No. SF0027, 2009.
- SWCA Environmental Consultants (SWCA). 2008. Cimarex Survey Field Notes. December 8, 2008.
- Taylor, B. 2008. SR/WA, Williams Field Services. Green River, Wyoming. Personal communication with Joey Sheeley, Planning Specialist, SWCA Environmental Consultants, January 15, 2009.
- Thorne, E.T., J.K. Morton, F.M. Blunt, and H.A. Dawson. 1978. Brucellosis in elk. II. Clinical effects and means of transmission as determined through artificial infections. *Journal of Wildlife Diseases* 14:280–291.
- Travsky, A., and G.P. Beauvais. 2005. Species assessment for the ferruginous hawk (*Buteo regalis*) in Wyoming. Prepared for U.S. Department of the Interior Bureau of Land Management, Wyoming State Office, Cheyenne, Wyoming.

- U.S. Census Bureau. 2008a. County Population Estimates – Characteristics. Annual Estimates of Resident Population by Sex, Race Alone and Hispanic or Latino Origin for Counties: April 1, 2000 to July 1, 2007. Available online at <http://www.census.gov/popest/counties/asrh/CC-EST2007-RACE6.html>. Accessed March 13, 2009.
- . 2008b. Small Area Income & Poverty Estimates. State and County Estimates for 2007. Available online at <http://www.census.gov/did/www/saipe/data/statecounty/data/2007.html> Accessed March 13, 2009
- U.S. Department of Commerce. 2008. Bureau of Economic Analysis. Regional Economic Accounts. Local Area Personal Income. Available online at <http://www.bea.gov/regional/reis/default.cfm?catable=CA30>. Accessed March 13, 2009.
- U.S. Department of the Interior and United States Department of Agriculture. 2007. Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development. BLM/WO/ST-06/021+3071/REV 07. Bureau of Land Management. Denver, Colorado. 84 pp. Available online at [http://www.blm.gov/pgdata/etc/medialib/blm/wo/MINERALS\\_REALTY\\_AND\\_RESOURCE\\_PROTECTION\\_/energy/oil\\_and\\_gas.Par.18714.File.dat/OILgas.pdf](http://www.blm.gov/pgdata/etc/medialib/blm/wo/MINERALS_REALTY_AND_RESOURCE_PROTECTION_/energy/oil_and_gas.Par.18714.File.dat/OILgas.pdf). Accessed July 2, 2009.
- U.S. Department of Labor, Bureau of Labor Statistics, 2008(a). Census of Fatal Occupational Injuries Charts (1992-2007). Washington, D.C. Available online at <http://www.bls.gov/iif/oshcfoi1.htm#charts>. Accessed December 5, 2008.
- U.S. Department of Labor, Bureau of Labor Statistics, 2008(b). Industry Injury and Illness Data, 2007. Washington DC. Available online at <http://www.bls.gov/iif/oshwc/osh/os/ostb1917.pdf>. Accessed December 3, 2008.
- U.S. Department of Transportation (DOT). 2008a. Pipeline and Hazardous Materials Safety Administration. National Gas Transmission Onshore: Significant Incidents Summary Statistics: 1988-2008 Year-to-Date. Washington, DC. Available online at [http://primis.phmsa.dot.gov/comm/reports/safety/SigPSI.html?nocache=5931#\\_ngtran\\_son](http://primis.phmsa.dot.gov/comm/reports/safety/SigPSI.html?nocache=5931#_ngtran_son). Accessed December 3, 2008.
- . 2008b. Pipeline and Hazardous Materials Safety Administration. Title 49 CFR, Transportation, Subtitle B, Chapter I, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Subchapter D Pipeline Safety. Available online at [http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?sid=ca3d88e943c9b3619f96ac3d22f1c200&c=ecfr&tpl=/ecfrbrowse/Title49/49cfrv3\\_02.tpl](http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?sid=ca3d88e943c9b3619f96ac3d22f1c200&c=ecfr&tpl=/ecfrbrowse/Title49/49cfrv3_02.tpl). Accessed December 5, 2008.
- U.S. Department of Urban Housing and Development. 2008. Income Limits. Available online at <http://www.huduser.org/datasets/il.html>. Accessed March 13, 2009.

- U.S. Fish and Wildlife Service (USFWS). 1987. Recovery implementation program for endangered fish species in the upper Colorado River basin. U. S. Department of the Interior, Fish and Wildlife Service, Region 6, Denver, Colorado.
- . 1989. Black-footed ferret survey guidelines for compliance with the Endangered Species Act. U.S. Fish and Wildlife Service, Denver, Colorado and Albuquerque, New Mexico. April 1989.
- . 1993. Grizzly bear recovery plan. Missoula, Montana, USA.
- . 2000. Determination of threatened status for the contiguous U.S. distinct population segment of the Canada lynx and related rule. Federal Register 65(58):16052–16086. March 2000.
- . 2001. Notice of 12-month finding for a petition to list the Yellow-billed Cuckoo in the western continental United States. Federal Register: July 25 2001 (Volume 66, Number 143, Page 38611-38626). From the Federal Register Online: [wais.access.gpo.gov](http://wais.access.gpo.gov).
- . 2004. Letter to Interested Party from Brian T. Kelly, Field Supervisor, Wyoming Field Office. U.S. Department of the Interior, Fish and Wildlife Service, Cheyenne, Wyoming. ES-61411/BFF/wY7746.
- . 2006. Upper Colorado River Endangered Fish Recovery Program. Available online at <http://www.fws.gov/coloradoriverrecovery/>. Accessed February 2009.
- . 2007a. Grizzly bears; Yellowstone distinct population; notice of petition finding; final rule. Federal Register 72(60):14866–14938.
- . 2007b. U.S. Fish and Wildlife Service Species Assessment and Listing Priority Assignment Form. Yellow-billed Cuckoo, Western United States Distinct Population Segment. Available online at <http://ecos.fws.gov/speciesProfile/SpeciesReport.do?sPCODE=B06R>. Accessed February 2009.
- . 2007c. Endangered and Threatened Wildlife and Plants; Removing the Bald Eagle in the Lower 48 States From the List of Endangered and Threatened Wildlife. Federal Register 72(130):37346–37372.
- . 2008a. Endangered, threatened, and candidate species and designated critical habitat for Wyoming counties. Available online at <http://www.fws.gov/mountain-prairie/wy.html>. Accessed February 2009.
- . 2008b. Endangered and threatened wildlife and plants; Final rule designating the northern Rocky Mountain population of gray wolf as a distinct population segment and removing this distinct population segment from the federal list of endangered and threatened wildlife. Federal Register 73(39):10154–10560.

- . 2008c. Endangered and threatened wildlife and plants; 90-day finding on a petition to list the pygmy rabbit (*Brachylagus idahoensis*) as threatened or endangered. Federal Register 73(5):1312–1313.
  - . 2008d. Endangered and threatened wildlife and plants; 12-month finding on a petition to list the white-tailed prairie dog (*Cynomys leucurus*) as threatened or endangered. Federal Register 73(88):24910–24911.
  - . 2009a. GIS polygons of National Wetlands Inventory (NWI) wetland areas. Available online at <http://wetlandsfws.er.usgs.gov/>. Accessed January 27, 2009.
  - . 2009b. Endangered and threatened wildlife and plants; revised designation of critical habitat for the contiguous United States Distinct Population Segment of the Canada lynx. Federal Register 74(36):8616–8702.
  - . 2009c. News, information and recovery status reports. Gray wolves in the northern Rocky Mountains. Available online at <http://www.fws.gov/mountain-prairie/species/mammals/wolf/>. Accessed February 2009.
  - . 2009d. Endangered and Threatened Wildlife and Plants; 90-Day Finding on a Petition to List the Northern Leopard Frog (*Lithobates [=Rana] pipiens*) in the Western United States as Threatened. Federal Register 74(125):31389–34401.
  - . 2009e. Endangered and threatened wildlife and plants; partial 90-day finding on a petition to list 206 species in the Midwest and western United States as threatened or endangered with critical habitat. Federal Register 74(158):41649–41662.
  - . 2010. Endangered and Threatened Wildlife and Plants; 12-month findings for petitions to list the greater sage-grouse (*Centrocercus urophasianus*) as threatened or endangered. Federal Register 50(17): 13909-14014.
- U.S. Forest Service (USFS). 1990. Final environmental impact statement for the land and resource management plan. U.S. Department of Agriculture, Forest Service, Bridger-Teton National Forest, Wyoming.
- U.S. Geological Survey (USGS). 2002. Probabilistic seismic hazards analysis model. Available online at <http://eqint.cr.usgs.gov/eqprob/2002>. Accessed April 15, 2009.
- . 2004. The Severity of an Earthquake. Available online at <http://pubs.usgs.gov/gip/earthq4/severitygip.html>. Accessed July 14, 2008.
  - . 2009a. United States National Seismic Hazard Maps. Earthquake Hazards Program. Custom Mapping Tool, Earthquake Probability Mapping. Available online at <http://earthquake.usgs.gov/research/hazmaps/interactive/>. Accessed April 7, 2009.
  - . 2009b. National Water Information System; Water Quality Data for the Nation. Available online at <http://waterdata.usgs.gov/nwis/qw>. Accessed April 20, 2009.

- University of California Museum of Paleontology (UCMP). Unpublished paleontology collections data.
- University of Wyoming. 2008. Wyoming Economic Atlas. PILT (Payment in Lieu of Taxes). Available online at <http://agecon.uwyo.edu/econdev/PILT1.htm>. Accessed August 5, 2008.
- Upper Green River Basin Sage-grouse Working Group. 2007. Upper Green River Basin Sage-Grouse Conservation Plan.
- Urbigkit, C. 2008. Sublette County Federal and State Land Use Policy draft 6/18/08. Sublette County Commission, Pinedale Wyoming.
- Van Dyke, F., and W.C. Klein. 1996. Response of elk to installation of oil wells. *Journal of Mammalogy* 77:1028–1041.
- Vlcek D. 2009. BLM Archaeologist. Pinedale Field Office. Personal communication, with Scott Phillips, Archaeologist, SWCA, February 4, 2009.
- Walker, B.L., D.E. Naugle, and K.E. Doherty. 2007. Greater Sage-Grouse Population Response to Energy Development and Habitat Loss. *Journal of Wildlife Management* 71(8):2644–2654.
- Ward, A.L. 1984. The response of elk to seismograph activity in the Little Snake River known recoverable coal resource area of south-central Wyoming. Rocky Mountain Forest and Range Experiment Station.
- Webel, S. 1977. Some new perspectives on the old Nugget oil fields of the LaBarge platform: Twenty-Ninth Annual Field Conference-1977. Wyoming Geological Survey, Laramie, WY.
- West, R.M. 1978. Geology and mammalian paleontology of the New Fork-Big Sandy area, Sublette County, Wyoming. *Fieldiana Geology* 29.
- Western EcoSystems Technology Inc. 2003. An Evaluation of the 1988 BLM Pinedale Resource Management Plan, 2000 BLM Pinedale Anticline Final EIS and Recommendations for the Current Revision of the Pinedale Resource Management Plan, January 22, 2003. Prepared for Peter Aengst, The Wilderness Society, Bozeman, Montana, Kelly Matheson, The Wyoming Outdoor Council, Lander, Wyoming, and Scot Groene, The Greater Yellowstone Coalition, Jackson, Wyoming, by Western EcoSystems Technology Inc., Cheyenne, Wyoming.
- Western Regional Climate Center. 2008. Big Piney, Wyoming period of record monthly climate summary. Available online at <http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?wybigp>. Accessed May 22, 2008.

- Westphal, H., G.P. Eberli, L.B. Smith, G.M. Grammer, and J. Kislak. 2004. Reservoir characterization of the Mississippian Madison Formation, Wind River basin, Wyoming AAPG Bulletin 88(4):405–432.
- Wiggins, D.A. 2005. Yellow-billed cuckoo (*Coccyzus americanus*): a technical conservation assessment. Prepared for USDA Forest Service, Rocky Mountain Region. Available online at <http://www.fs.fed.us/r2/projects/scp/assessments/yellowbilledcuckoo.pdf>. Accessed February 12, 2009.
- Wikipedia 2009a. Richter Magnitude Scale. Available online at [http://en.wikipedia.org/wiki/Richter\\_magnitude\\_scale](http://en.wikipedia.org/wiki/Richter_magnitude_scale) Accessed April 7, 2009.
- . 2009b. Mercalli Intensity Scale. Available online at [http://en.wikipedia.org/wiki/Mercalli\\_intensity\\_scale](http://en.wikipedia.org/wiki/Mercalli_intensity_scale) Accessed April 7, 2009.
- Wisdom, M.J., B.C. Wales, M.M. Rowland, M.G. Raphael, R.S. Holthausen, T.D. Rich, and V.A. Staab. 2002. Performance of greater sage-grouse models for conservation assessment in the Interior Columbia Basin. *Conservation Biology* 16:1232–1242.
- Wisdom, M., H. Preisler, N. Cimon, and B. Johnson. 2004. Effects of off-road recreation on mule deer and elk. *Transactions of the North American Wildlife and Natural Resource Conference* 69.
- Wright, R.P. 1974. Jurassic bivalves from Wyoming and South Dakota; a study of feeding relationships. *Journal of Paleontology* 48(3):425–433.
- Wyoming Brucellosis Coordination Team. 2005. Wyoming Brucellosis Coordination Team Report and Recommendations. Report presented to Governor Dave Freudenthal. Cheyenne, Wyoming.
- Wyoming Community Development Authority. 2008. The 2008 Wyoming Housing Needs Forecast. Available online at <http://www.wyomingcda.com/files/WY2008forecast.pdf>. Accessed April 16, 2008.
- Wyoming Department of Agriculture (WYDA). 2009. Class A Status Brucellosis Fact Sheet. Available online at <http://wyagric.state.wy.us/news/brucellosiscoordteam/factsheet.pdf>. Accessed March 2009.
- Wyoming Department of Education. 2008. Technology, Careers, and Data. Available online at [https://wdesecure.k12.wy.us/pls/warehouse/wde.district\\_profile.menu](https://wdesecure.k12.wy.us/pls/warehouse/wde.district_profile.menu). Accessed March 13, 2009.
- Wyoming Department of Environmental Quality (WDEQ). 1987. Amended 1997. Title 35, Public Health and Safety, Chapter 11, Environmental Quality, Environmental Quality Act, Cheyenne, WY. Available online at <http://deq.state.wy.us/wqd/WQDRules/index.asp>. Accessed January 12, 2009.

- . 2000. Wyoming Source Water Assessment and Protection Program, Version 3, Water Quality Division, Cheyenne, WY. October 2000.
  - . 2001. Wyoming Surface Water Classification List, Surface Water Standards, Water Quality Division, Cheyenne, WY. Available online at <http://deq.state.wy.us/wqd/watershed/surfacestandards/Downloads/Standards/2-3648-doc.pdf>. Accessed January 2009.
  - . 2005. Water Quality Rules and Regulations, Chapter 8, Quality Standards for Wyoming Groundwaters, Cheyenne, WY.
  - . 2006. Wyoming's 2006 305(b) State Water Quality Assessment Report and 2006 303(d) List of Waters Requiring TMDL. Cheyenne, WY.
  - . 2007. Water Quality Rules and Regulations, Chapter 1, Wyoming Surface Water Quality Standards, Cheyenne, WY. Available online at [http://deq.state.wy.us/wqd/WQDrules/Chapter\\_01.pdf](http://deq.state.wy.us/wqd/WQDrules/Chapter_01.pdf). Accessed July 14, 2009.
  - . 2009a. Current Draft including Appendix H. Water Quality Rules and Regulations, Chapter 1, Wyoming Surface Water Quality Standards, Cheyenne, WY. Available online at [http://deq.state.wy.us/wqd/watershed/surfacestandards/Downloads/Triennial/8-0464\\_Draft\\_%20Chapter\\_1.pdf](http://deq.state.wy.us/wqd/watershed/surfacestandards/Downloads/Triennial/8-0464_Draft_%20Chapter_1.pdf). Accessed July 16, 2009.
  - . 2009b. Federal and State Class I Areas in Wyoming. Available online at <http://www.wyvisnet.com/class1.html>. Accessed March 2009.
  - . 2009c. Air Quality Division. Announcements page for March 13, 2009. Available online at <http://deq.state.wy.us/aqd/>. Accessed March 13, 2009.
- Wyoming Department of Transportation (WYDOT). 2008. Unpublished data. Average Number of Vehicles on U.S. 189, U.S. 191 and WY 350, WY351, SH 235 for the Year 2005, 2006, 2007.
- Wyoming Game and Fish Commission. 1998. Mitigation Policy. Pages E3–E13 in Policy Manual. Wyoming Game and Fish Department, Cheyenne.
- Wyoming Game and Fish Department (WGFD). 2005. A comprehensive wildlife conservation strategy. Wyoming Game and Fish Department, Cheyenne, Wyoming. Available online at <http://gf.state.wy.us/wildlife/CompConvStrategy/>. Accessed February 2009.
- . 2007a. Big Piney elk herd unit (E106) brucellosis management Action Plan. Wyoming Game and Fish Department, Cheyenne, Wyoming.
  - . 2007b. 2007 Annual Report of Big and Trophy Game Harvest. Cheyenne, WY. Available online at <http://gf.state.wy.us/wildlife/hunting/stats/harvest/index.asp>. Accessed June 26, 2009.

- . 2008. Wildlife Observation System Data. From Rebecca Schilowsky. 1 September 2008. Excel and GIS data is available from WGFD upon request.
- . 2009a. Sage-grouse Lek Data. From Kirk Nordyke, 30 October 2009. GIS data is available from WGFD upon request.
- . 2009b. Regional river data for requested streams. Wyoming Game and Fish Department, 26 January 2009. Survey data is available from WGFD upon request.
- . 2009c. Big Game Crucial Habitat Layers. From Kirk Nordyke, 3 June 2009. GIS data is available from WGFD upon request.
- . 2009d. Riley Ridge Winter Range Complex. From Therese Hartman, 26 May 2009. GIS data is available from WGFD upon request.
- . 2009e. Recommendations for Development of Oil and Gas Resources within Important Wildlife Habitats. May 2009. Wyoming Game and Fish Department. Cheyenne, Wyoming.
- Wyoming Geological Association Guidebook. 1960. Overthrust Belt of Southwestern Wyoming, 1960.
- Wyoming Housing Database Partnership. 2008. The 2008 Wyoming Profile of Demographics, Economics and Housing. Semiannual Report, Ending June 30, 2008. Available online at [http://www.wyomingcda.com/index.php?option=com\\_content&task=view&id=42&Itemid=94](http://www.wyomingcda.com/index.php?option=com_content&task=view&id=42&Itemid=94). Accessed March 13, 2009.
- . 2007. A Profile of Wyoming Demographics, Economics and Housing Semiannual Report Ending December 31, 2007. Volume I Final Report.
- Wyoming Natural Diversity Database (WYNDD). 2007a. Unpublished data, including distributional records, element global rank and element state rank. University of Wyoming, Laramie, Wyoming.
- . No date. State species abstract for tufted twinpod. Available online at <http://uwadmnweb.uwyo.edu/wyndd/info.asp?p=3752>. Accessed February 2009.
- Wyoming Oil and Gas Conservation Commission (WOGCC). 1982. Riley Ridge Unit Agreement. Available online at <http://wogcc.state.wy.us>. Accessed April 7, 2009.
- . 2008. Rules, Chapter 4. Available online at <http://wogcc.state.wy.us>. Accessed April 7, 2009.
- . 2009. Database. Available online at <http://wogcc.state.wy.us>. Accessed April 7, 2009.

- Wyoming State Department of Economic Analysis, 2008. Population, Employment, Earnings, and Personal Income Trends (PDF). Available online at <http://eadiv.state.wy.us/wef/eps.html>.
- Wyoming State Engineers Office (WSEO). 1977. Annotated. Title 41 Water, Cheyenne, WY. Available online at <http://legisweb.state.wy.us/statutes/statutes.aspx>. Accessed March 14, 2009.
- . 2009. Water Rights Database, Site Accessed February 2009, Cheyenne, WY.
- Wyoming State Geological Survey (WSGS). 2008. Landslide Index Maps, Scale 1:24,000. Noble Basin 7.5 minute quadrangle map. Available online at <http://www.wrds.uwyo.edu/wrds/wsgs/hazards/landslides/43110/43110a4.html>. Accessed April 7, 2009.
- . 2009. Landslides in Wyoming. Available online at <http://www.wrds.uwyo.edu/wrds/wsgs/hazards/landslides/lshome.html>. Accessed June 25, 2009.
- Wyoming State Trails Program. 2007. ORV Permit Sale for 2007. Available online at <http://wyotrails.state.wy.us/Research/2007ORVFinalSales.pdf>. Accessed March 11, 2009.
- Wyoming Water Development Commission (WWDC). 1994. Big Piney/Marbleton Level II Water Supply Project Report. Completed by Hinckley Consulting, Laramie, WY and Jorgensen Engineering and Land Surveying Jackson, WY. November, 1994.
- . 2001. Green River Basin Water Plan Final Report. Available online at <http://waterplan.state.wy.us/plan/green/finalrept/finalrept.html>. Accessed March 14, 2009.
- Wyoming Weed and Pest Council (WWPC). 2008. List of noxious weeds. Available online at <http://www.wyoweed.org/Documents/WWFPPage/2008DeclaredList.pdf>. Accessed February 11, 2009.
- Young, M.K. no date. Yellowstone cutthroat trout status paper. Available online at <http://www.fisheries.org/units/AFSmontana/SSCpages/SSC.htm>. Accessed February 2009.