

BIBLIOGRAPHY

- Avian Power Line Interaction Committee (APLIC). 1994. Mitigating bird collision with power lines: The state of the art in 1994. Edison Electric Institute, Washington, D.C.
- Baltz, E.H. 1967. Stratigraphy and Regional Tectonic Implications of Part of Upper Cretaceous and Tertiary Rocks, East-Central San Juan Basin, New Mexico.
 U.S. Geological Survey Professional Paper 552, 101 p.
- Bevanger, K. 1994. *Bird Interactions with Utility Structures: Collisions and Electrocution*, Causes and Mitigation Measures. Ibis 136412-425.
- Biotic Information Systems of New Mexico (BISON-M). 2002. The Fish and Wildlife Information Exchange. New Mexico Department of Game and Fish. Web site: http://www.fw.vt.edu/fishex/nmex_main/species/050631.htm.
- Blanchard et al. 1993. USGS Water Resources Investigations Report 93-4065.
 Reconnaissance Investigation of Water Quality, Bottom Sediment, and Biota Associated with Irrigation Drainage in the San Juan River Area, San Juan County, Northwestern New Mexico. 1990–1991, 141 p.
- Bliesner, R. 2003. *Draft Navajo-Gallup Hydrologic Modeling*. Keller-Bliesner Engineering, Logan Utah.
- Bliesner, R. and V. Lamarra. 2000. *Hydrology, Geomorphology and Habitat –Final Report.* Keller-Bliesner Engineering and Ecosystems Research Institute. Logan, Utah.
- Brandenberg, W., M. Farrington, and S. Gottlieb. 2002. Razorback Sucker Larval Fish Survey in the San Juan River During 2002. Division of Fishes, Museum of Southwestern Biology, Department of Biology, University of New Mexico, Albuquerque, New Mexico.

- Brookes, J., M. Buntjer, and J. Smith. 2000. Non-native Species Interactions: Management Implications to Aid in Recovery of the Colorado pikeminnow (Ptychocheilus lucius) and razorback sucker (Xyrauchen texanus) in the San Juan River, CO-NM-UT. U.S. Fish and Wildlife Service. Albuquerque, New Mexico.
- Bureau of Indian Affairs. 1999. *Navajo Indian Irrigation Project Biological Assessment*. Prepared by Keller-Bliesner Engineering, Logan, Utah. June 11, 1999. 80 p.
- Bureau of Land Management. 2003. Farmington Resource Management Plan with Record of Decision. U.S. Department of the Interior, Bureau of Land Management, Farmington Field Office, Farmington, New Mexico.
- Bureau of Reclamation (Reclamation). 1983. Navajo-Gallup Water Supply Project, Environmental Assessment.
 - _____. 1993. "San Juan River Gallup/Navajo Water Supply Project." Prepared for the San Juan River Gallup/Navajo Water Supply Steering Committee. September 1993.
 - _____. 1994. Bureau of Reclamation Indian Trust Asset Policy and NEPA Implementing Procedures. Bureau of Reclamation, Native American Affairs Office, Washington, DC. August 1994. 16p.
 - _____. 1998. *Winter Low Flow Test-San Juan River*. Bureau of Reclamation, Upper Colorado Region.
 - _____. 2000a. Animas-La Plata Project Colorado-New Mexico, Final Supplement to the Environmental Impact Statement, vol. 1. July 2000. Web site: http://www.usbr.gov/special/alp/fseis.
- _____. September 2001. Municipal Water and Wastewater Systems Improvement. Bureau of Reclamation in cooperation with the Jicarilla Apache Nation, Dulce, New Mexico.
- _____. 2002a. *Biological Assessment, Navajo Reservoir Operations*. Bureau of Reclamation, Western Colorado Area Office.
- _____. 2002b. *Summer Low Flow Test–San Juan River New Mexico and Utah*. Bureau of Reclamation, Western Colorado Area Office.
- _____. 2002c. Navajo-Gallup Water Supply Project, Appraisal-Level Design and Cost Estimates. Bureau of Reclamation, Western Colorado Area Office.

____. 2002e. Memorandum from Bob Norman, Capital Program Coordinator, Bureau of Reclamation, Western Colorado Area Office to San Juan Recovery Program Biology Committee, February 12, 2002.

_____. 2004. *Biological Assessment, Navajo-Gallup Water Supply Project.* September 3, 2004.

_____. 2004. Colorado River System Consumptive Uses and Losses Report, 1996–2000. February 2004.

_____. 2006. Navajo Reservoir Operations Final Environmental Impact Statement, Navajo Unit – San Juan River, New Mexico, Colorado, Utah. April 2006.

_____. 2007. Cost and Economic Update to 2007 Prices of the Planning Report and Draft Environmental Impact Statement, Navajo-Gallup Water Supply Project, New Mexico–Arizona. Denver, Colorado. November 2007.

- Christensen, N. and D.P. Lettenmaier, (2007). "A Multimodel Ensemble Approach to Assessment of Climate Change Impacts on the Hydrology and Water Resources of the Colorado River Basin." Hydrology and Earth System Sciences Discussion, 11, 1417-1434.
- Cowardin, L., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classifications of Wetlands and Deepwater Habitats of the United States. U.S. Fish and Wildlife Service, FWS/OBS-79-31, Washington, D.C.
- DeGraaf, R.M., V.E. Scott, R.H. Hamre, L. Ernst, and S.H. Anderson. 1991. Forest and Rangeland Birds of the United States, Natural History and Habitat Use. U.S. Department of Agriculture, Forest Service, Agriculture Handbook 688. Northern Prairie Wildlife Research Center Home Page. Web site: http://www.npwrc.usgs/resource/1998/forest.htm>.
- DePauli Engineering and Surveying Company. January 2002. City of Gallup Transmission and Storage Facilities.
- Dudley, R. and S. Platania. 2000. Downstream Transport Rates of Passively Drifting Particles and Larval Colorado Pikeminnow in the San Juan River in 1999. Division of Fishes, Museum of Southwestern Biology, Department of Biology, University of New Mexico, Albuquerque, New Mexico.
- Ecosphere, Inc. 2001. Southwestern Willow Flycatcher San Juan River Habitat Evaluation and Conservation Management Strategies. Department of the Interior, Central Utah Project Completion Act, Provo, Utah.

Ecosytems Research Institute (ESRI). 2002. Additional Surveys for the Mesa Verde Cactus and Other Sensitive Plants and Wildlife-Navajo Gallup Water Supply Project. Ecosystems Research Institute, Logan, Utah.

_____. 2003a. *Navajo-Gallup Water Supply Project, Wildlife Disturbance*. U.S. Department of the Interior, Bureau of Reclamation. 24 p.

_____. 2003b. *Navajo-Gallup Water Supply Project, Aquatic Disturbance*. U.S. Department of the Interior, Bureau of Reclamation. 30 p.

_____. 2003c. *Navajo-Gallup Water Supply Project, Vegetation Disturbance*. U.S. Department of the Interior, Bureau of Reclamation. 34 p.

_____. 2005. *Navajo-Gallup Water Supply Report on Wetlands*. Ecosystem Research Institute. Logan, Utah. May 2005.

- Eddy, S. and J. Underhill. 1978. *How to Know Freshwater Fishes*. Third edition. William C. Brown Company Publishers, Dubuque, Iowa. 215 p.
- Executive Order 13175, November 6, 2000, "Consultation and Coordination with Indian Tribal Government," FR vol. 65 No. 218, Thursday, November 9, 2000, Presidential Documents.
- *Federal Register*. 1980. 40 CFR Part 230: Section 404 (b)(1) Guidelines for Specifications of Disposal Sites of Dredged or Fill Material. U.S. Government Printing Office, Washington, DC, 45(249), 85,352-85,353.

_____. 1982. Title 33: Navigation and Navigable Waters; Chapter 2. Regulatory Programs of the Corps of Engineers, U.S. Government Printing Office, Washington, DC, 44(138), 31,810.

_____. 1994. Title 3-Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations 59 FR 7629.

- Gallup Town Hall on Water. May 29-31, 2003. A Sustainable Water Supply for Gallup: How Do We Get There From Here? Final report.
- Holden, P.B. 1999. *Flow Recommendations for the San Juan River*. San Juan River Basin Recovery Implementation Program. U.S. Fish and Wildlife Service, Albuquerque, New Mexico.
- Holden, P.B. and C.B. Stalnaker. 1975. Distribution and Abundance of Mainstem Fishes of the Middle and Upper Colorado River Basins. 1967–1973. Transactions of the American Fisheries Society 104:217-231.

- Jackson, J.A. 2006. *Nonnative control in the Lower San Juan River 2005*. Interim Progress Report, Draft, for the San Juan River Recovery Implementation Program. Utah Division of Wildlife Resources, Moab Field Station, Utah.
- Jicarilla Apache Nation. March 1998. Integrated Resource Management Planning Employment Survey, Office of Integrated Resource Management, Dulce, New Mexico.
- Jicarilla Game and Fish Department (JGFD). 2005. Jicarilla Game and Fish. http://www.jicarillahunt.com.
- Keller-Bliesner Engineering, LLC. 2005. Biological Assessment, Navajo Gallup Water Supply Project. Prepared for Bureau of Reclamation. Dated August 16, 2005. Keller-Bliesner Engineering, LLC and Ecosystems Research Institute, Logan, Utah.
- Kimball, J.F., E. Archer, T.A. Crowl, and M. Trammell. 2000. Abundance of age-0 native fish species and nursery habitat quality and availability in the San Juan River, New Mexico, Colorado and Utah. San Juan River Basin Recovery Implementation Program, United States.
- Lamarra, V., M. Lamarra, and J.G. Carter. 1985. *Ecological Investigation of a Suspected Spawning Site of Colorado Squawfish on the Yampa River*, Utah. Great Basin Nat. 45127-140.
- Lapahie, A. 2004. June through November Monthly Fish Passage Report, Nenahnezad Fish Passage. Navajo Department of Fish and Wildlife, Window Rock, Arizona.
- Lawrence, K. 2003. Unpublished Data. Aquatic Biologist, Ecosystems Research Institute. Logan, Utah.
- Lowery J.H., Jr., R.D. Ramsey, K.A. Thomas, D. Schrupp, W. Kepner, T. Sajwaj,
 J. Kirby, E. Waller, S. Schrader, S. Falzarano, L. Langs Stoner, G. Manis,
 C. Wallace, K. Schultz, P. Comer, K. Pohs, W. Rieth, C. Velasquez, B. Wolk,
 K.G. Boykin, L. O'Brien, J. Prior-Magee, D. Bradford, B. Thompson. 2007. Land
 cover classification and mapping. Chapter 2 in J.S. Prior-Magee, et al., eds.
 Southwest Regional Gap Analysis Final Report, U.S. Geological Survey, Gap
 Analysis Program, Moscow, Idaho.
- Mabry, John. 2001. Navajo-Gallup Waterline Project: Class I Cultural Resource Inventory. Alpine Archaeological Consultants, Montrose, Colorado.

- Manley, Kim, G.R. Scott, and R.A. Wobus. 1987. Geologic map of the Aztec 1^o x 2^o quadrangle, northwestern New Mexico and southern Colorado. Miscellaneous Investigations Series Map I-1730. U.S. Geological Survey, Scale 1:250,000.
- McAda, C. 1977. Aspects of the Life History of Three Catostomids Native to the Upper Colorado River Basin. Master's Thesis. Utah State University, Logan, Utah.
- Memorandum from Bureau of Reclamation Commissioner, April 8, 1994, "Bureau of Reclamation Indian Trust Asset Procedures."
- Memorandum from Bureau of Reclamation Commissioner, February 25, 1998, "Reclamation's Indian Policy."
- Memorandum from Bureau of Reclamation Commissioner, January 16, 2001, "Reclamation Compliance with Executive Order 13175 on Consultation and Coordination with Indian Tribal Governments."
- Miller, W.J. 1994. *Icthyofaunal Surveys on Tributaries of the San Juan River, 1993 Annual Report.* (A part of the FY 1993 Annual Report of the San Juan Recovery Implementation Program Biology Committee).
- Miller, W.J. (editor). 2005. Draft Final Standardized Monitoring Program Five-Year Integration Report. San Juan River Basin Recovery Implementation Program Biology Committee, July 8, 2005.
- Muldavin, E. 1994. New Mexico Natural Heritage Program State Vegetation Classification and Map Legend for the New Mexico Gap Analysis Project. University of New Mexico, Albuquerque, New Mexico.
- Muldavin, E.M., P.J. Crist, B.C. Thompson, A.J. Peters, M. Eve, B. Middleton, J. Eggerton, and D.L. Garber. 1996. A Vegetation Classification and Land Cover Legend for Application to New Mexico Gap Analysis. New Mexico Cooperative Fish and Wildlife Research Unit, Las Cruces, New Mexico.
- Murray, Richard C. 1965. "Estimated Use of Water in the United States." U.S. Geological Survey Circular 556.
- Mytton, J.W. 1979. Preliminary Geologic Map of Chaco Canyon 1^o x ^{1/2⁰} Quadrangle, Showing Coal Zones of Fruitland Formation, New Mexico. U.S. Geological Survey Miscellaneous Field Studies Map MF-1104, Scale 1:100,000.

- National Academy of Science. 2006. *Surface Temperature Reconstructions for the Last* 2,000 Years. Committee of Surface Temperature Reconstruction for the Last 2,000 Years, National Research Council of the National Academies, National Academy of Sciences, the National Academies Press, Washington, DC.
- National Park Service. 1991. National Register Bulletin 15—How to Apply the National Register Criteria for Evaluation. U.S. Department of the Interior, National Park Service, National Register, History and Education.
- Natural Resource Conservation Service (NRCS). 1999. Soil Taxonomy, A Basic System of Soil Classification for Making and Interpreting Soil Surveys. U.S. Department of Agriculture, Natural Resource Conservation Service. Second edition. 871 p.
- _____. 2001. *National Soil Survey Handbook, title 430-VI*. U.S. Department of Agriculture, Natural Resource Conservation Service. Revision issued 2001.
- ______. 2005. Soil Survey Geographic (SSURGO) Database for *Shiprock area, Parts of San Juan County, New Mexico, and Apache County, Arizona, McKinley County area, New Mexico, and San Juan County, New Mexico, Eastern Part.* U.S. Department of Agriculture, Natural Resource Conservation Service. Available URL: http://soildatamart.nrcs.usda.gov>.
- Navajo Nation. 2000. Comments on Draft Supplemental Environmental Impact Statement for the Animas-La Plata Project. Window Rock, Arizona. 7 p.
- Navajo Nation Department of Fish and Wildlife (NNDFW). 2005. Personal communication with Jeff Cole, Wildlife Manager, Navajo Department of Fish and Wildlife.
- Navajo Nation Department of Water Resources, City of Gallup, Northwest New Mexico Council of Governments, Bureau of Reclamation. March 16, 2001. *Final Draft Technical Memorandum, Navajo-Gallup Water Supply Project.*
- Navajo Nation Environmental Protection Agency. 1996. "Navajo Nation Public Water System Inventory Listing." Prepared by the Navajo Nation Environmental Protection Agency, Window Rock, Arizona.
- Navajo Nation State of New Mexico. 2005. San Juan River Basin in New Mexico Navajo Nation Water Rights Settlement Agreement. Dated April 19, 2005.
- Navajo Natural Heritage Program (NNHP). 2003. Memorandum including information on species of concern: Navajo Gallup Water Supply Project, McKinley and San Juan County, New Mexico (December 30, 2003). Navajo Department of Fish and Wildlife—Natural Heritage Program, Window Rock, Arizona.

- Navajo Nation Parks and Recreation Department. 2005. Navajo Nation Parks and Recreation Department Web site: http://www.navajonationparks.org>.
- New Mexico Air Quality Bureau. 1997. New Mexico Air Quality, 1994–1996. Publication NMED/AQB-97/1. Santa Fe, New Mexico.
- New Mexico Department of Game and Fish. (NMDGF). 2000. New Mexico Department of Game and Fish Information Web Links: Furbearers. <www.cmiweb.org/states/links>.

____. 2008. San Juan Tailwater Fishery, A White Paper. New Mexico Department of Game and Fish, Fisheries Management Division, Santa Fe, New Mexico.

- New Mexico Rare Plant Technical Council (NMRPTC). 1999. New Mexico Rare Plants. Albuquerque, New Mexico. New Mexico Rare Plants Home Page: http://nmrareplants.unm.edu>.
- New Mexico Resource Geographic Information System Program (NMRGISP) 2005. *Digital Geologic Map of New Mexico in ARC/INFO Format*. New Mexico Resource Geographic Information System Program Home Page: <http://rgis.unm.edu>.
- Northwest Economic Associates. 1993a. Cost of Water Hauling, Relocation, and Water Mining and the Value of Family Garden Plots in the N-Aquifer Basin. Northwest Economic Associates, Vancouver, Washington.
- Northwest New Mexico Fact Book. 2003. Prepared by the North West New Mexico Council of Governments.
- Office of American Indian Trust, December 1, 1995, "Departmental Responsibilities for Indian Trust Resources," Department of the Interior, Departmental Manual 512 DM 2.
- Office of Pipeline Safety (OPS). 2005. Geographic Information data coverage supplied by the U.S. Department of Transportation, Office of Pipeline Safety.
- Parker, Patricia and Thomas F. King. 1990. National Register Bulletin 38—Guidelines for Evaluating and Documenting Traditional Cultural Properties, U.S. Department of the Interior, National Park Service, National Register, History and Education.
- Petroleum Recovery Research Center (PRRC). 2005. New Mexico Oil Conservation Division's Allwells Database, Petroleum Recovery Research Center, New Mexico Tech. Web site: http://octane.nmt.edu/data/gis/well_location.asp>.

- Pfaff, Christine. 1993. San Juan River Gallup/Navajo Water Supply Project. Cultural Resources Technical Committee Appraisal Memorandum. Bureau of Reclamation, Denver, Colorado.
- Platania, S., R. Dudley, and S. Maruca. 2000. Drift of Fishes in the San Juan River 1991–1997. Division of Fishes, Museum of Southwestern Biology, Department of Biology, University of New Mexico, Albuquerque, New Mexico.
- Propst, D., A. Hobbes, and R. Larson. 2003. Small-Bodies Fish Monitoring San Juan River 1998–2001. Conservation Services Division, New Mexico Department of Game and Fish. Albuquerque, New Mexico.
- Rodgers, Larry. 1995. "USA Navajo Profile" (source: 1990 Census). Published by Navajo Division of Community Development, Navajo Nation, Window Rock, Arizona.
- Ryden, D. 2000a. Adult Fish Community Monitoring on the San Juan River. 1991–1997: Final Report. U.S. Fish and Wildlife Service, Grand Junction, Colorado.
- _____. 2000b. Long-Term Monitoring of Sub-Adult and Adult Large-Bodied Fishes in the San Juan River, 1998 and 1999: Interim Progress Report. U.S. Fish and Wildlife Service, Grand Junction, Colorado.
- Ryden, D. and C. McAda. 2003. *Stocking of Fingerling Colorado Pikeminnow and Reporting of FY-2003 Results—Fiscal Year 2004 Project Proposal*. U.S. Fish and Wildlife Service, Grand Junction, Colorado.
- San Juan River Basin Recovery Implementation Program (SJRBRIP). 1995. San Juan River Basin Recovery Implementation Program Long Range Plan. PDF document accessed from SJRBRIP Web site: http://southwest.fws.gov/sjrips.
- Schmitt, C.G. 1976. *Summer Birds of the San Juan Valley, New Mexico*. New Mexico Ornithological Society Publication No. 4.
- Secretarial Order 3175, November 8, 1993, "Departmental Responsibilities for Indian Trust Resources," Office of the Secretary, Washington, D.C.
- Secretarial Order 3206, "American Indian Tribal Rights, Federal-Tribal Trust Responsibilities, and the Endangered Species Act," Office of the Secretary of the Interior.

- Shomaker, John W., Inc. 1991. *Water-supply studies and forty-year water-supply master plan, City of Gallup, New Mexico*: John W. Shomaker, Inc., consultant's report to City of Gallup, 144 p.
- Thomas, C.L., R.M. Wilson, J.D. Lusk, R.S. Bristol, and A.R. Shineman. 1998. USGS Water Resources Investigations Report 98-4213. Detailed Study of Selenium and Selected Constituents in Water, Bottom Sediment, Soil, and Biota Associated with Irrigation Drainage in the San Juan River Area, New Mexico.
- U.S. Army Corps of Engineers. 1987. Corps of Engineers Wetlands Delineation Manual, Wetlands Research Program Technical Report Y-87-1, Washington, D.C.
- U.S. Department of Commerce (USDC), Weather Bureau. 1965. *Local Climatological Data, Annual Summary*. United States Government Printing Office.

_____. 1976. *Local Climatological Data, Annual Summary*. United States Government Printing Office.

- U.S. Department of the Interior (Interior). 2000(a). Secretarial Order No. 3215, Principles for the Discharge of the Secretary's Trust Responsibility. 3 p.
- U.S. Fish and Wildlife Service (Service). 2002. *Southwestern Willow Flycatcher Recovery Plan.* Albuquerque, New Mexico. i-ix + 210 p., Appendices A-O.

_____. 2009. Biological Opinion on the effects of the Jicarilla Apache Nation Navajo River Water Development Plan. U.S. Fish and Wildlife Service, Albuquerque, New Mexico. February 26, 2009.

- U.S. Geological Survey (USGS). 2003. Farmington, New Mexico Gaging Station Monthly Flow Data. USGS Stream flow Data: http://water.usgs.gov/>.
- Valdez, R. 1990. *The Endangered Fish of Cataract Canyon*. BIO/WEST, Inc. Final Report No. 134-3, Logan, Utah.

_____. 2002. Letter report to PHABSIM program. Valdez and Associates, Logan, Utah, January 24, 2002.

- Verner, J.E. 1997. Conservation Agreement for the Southwestern Willow Flycatcher (Empidonax traillii extimus). U.S. Fish and Wildlife Service, 43 p.
- Wethington, C.M. 2002. Final Report as Required by Federal Aid in Sport Fish Restoration Act: Statewide Fisheries Management Grant F-60-M—San Juan River Tailwater Trout Fishery Studies (Project 12). New Mexico Department of Game and Fish, Santa Fe, New Mexico.

- Wethington, C.M. and P. Wilkinson. 2004. Management Plan for the San Juan River Special Trout Waters, 2004–2009. May 2004. New Mexico Department of Game and Fish, Fisheries Division. Santa Fe, New Mexico.
- Wharton, Jeffery and Elaine Cleveland. December 2002. "Report on the Archaeological Sample Survey and Site Reassessment for the Navajo-Gallup Water Supply Project." Navajo Nation Archaeology Department, Division of Natural Resources.
- Whitaker, J.O. 1980. *The Audubon Society Field Guide to North American Mammals*. Alfred A. Knopf, Inc., New York. 745 p.
- Woodling, J. 1985. Colorado's Little Fish: A Guide to the Minnows and Other Lesser Known Fishes in the State of Colorado. Colorado Division of Wildlife, Denver, Colorado.
- Woodsbury et al. 1961. Ecological Studies of the Flora and Fauna of the Navajo Reservoir Basin, Colorado and New Mexico. University of Utah, Department of Anthropology. Anthropology Papers Number 55 (Upper Colorado Series Number 5).
- Yong, W. and D.M. Finch. 1997. *Migration of Willow Flycatcher along the Middle Rio Grande*. Wilson Bulletin 109:253-268.