

# Bibliography

- Alt, D.B. 2001. Glacial Lake Missoula and its humongous floods. Missoula, Montana: Mountain Press Publishing Company, 208 p.
- Arno, S. 1980. Forest fire history in the northern Rockies. *Journal of Forestry*, 78(8):460–465.
- Bedunah, D.J. 1992. The complex ecology of weeds, grazing, and wildlife. *Western Wildlands* 18:6–11.
- Brandt, T.M. 2000. Fish diversity, behavior, and microhabitat use in secondary channels of the Bitterroot River, Montana [master's thesis]. Missoula, MT: University of Montana.
- Briar, D.W.; Dutton, D.M. 2000. Hydrogeology and aquifer sensitivity of the Bitterroot Valley, Ravalli County, Montana. Helena, MT: U.S. Geological Survey Water Resources. Investigations Report 99-4219. 114 p.
- Bull, Evelyn L.; Collins, Charles T. 2007. Vaux's swift (*Chaetura vauxi*). The Birds of North America Online (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. [Internet]. <<http://bna.birds.cornell.edu/bna/species/077doi:10.2173/bna.077>> accessed January 3, 2011.
- Burkhardt, J.W. 1996. Herbivory in the Intermountain West: an overview of evolutionary history, historic cultural impacts and lessons from the past. Idaho Forest, Wildlife and Range Agricultural Experiment Station, Bulletin 58. University of Idaho, College of Natural Resources, Boise, ID.
- Cappious, S.L. 1939. A history of the Bitter Root Valley to 1914 [master's thesis]. Seattle, WA: University of Washington. [Pages unknown].
- Cartier, K.D.W. 1984. Sediment channel morphology, and streamflow characteristics of the Bitterroot River drainage basin, southwestern Montana. M.S. Thesis, University of Montana, Missoula. [Pages unknown].
- Carver, Erin; Caudill, James. 2007. Banking on nature 2006: the economic benefits to local communities of national wildlife refuge visitation. Washington, DC: Division of Economics, U.S. Fish and Wildlife Service. 371 p.
- Casey, Daniel. 2000. Partners in Flight draft bird conservation plan: Montana. Version 1.0 Kalispell, Montana: Montana Partners in Flight. 288 p.
- Caudill, James; Henderson, E. 2006. Banking on nature 2006: the economic benefits to local communities of national wildlife refuge visitation. Washington, DC: U.S. Fish and Wildlife Service. 373 p.
- Clary, J.; Hastings, P.B.; O'Neill, J.; Winthrop, R. 2005. First roots: the story of Stevensville, Montana's oldest community. Stevensville, MT: Stoneydale Press Publishing Company. 251 p.
- Cooper, D.J.; Merritt, D.M.; Andersen, D.C.; Chimner, R.A. 1999. Factors controlling the establishment of Fremont cottonwood seedlings on the Upper Green River. *Regulated Rivers: Research and Management* 15:419–440.
- Dai, X.; Boutton, T.W.; Hailemichael, M. [et al.]. 2006. Soil carbon and nitrogen storage in response to fire in a temperate mixed-grass savanna. *Journal of Environmental Quality* 35:1620–1628.
- Dechant, J.A.; Sondreal, M.L.; Johnson, D.H.; Igl, L.D.; Goldade, C.M.; Zimmerman, A.L.; Euliss, B.R. 2002a. Effects of management practices on grassland birds: western meadowlark. Jamestown, ND: Northern Prairie Wildlife Research Center. 33 p.
- Dechant, J.A., Sondreal M.L.; Johnson, D.H.; Igl, L.D.; Goldade, C.M.; Nenneman, M.P.; and Euliss, B.R. 2002b. Effects of management practices on grassland birds: grasshopper sparrow. Jamestown, ND: Northern Prairie Wildlife Research Center. 28 p.
- Dobb, E. 1998. Reality check: the debate behind the lens. Audubon: January–February. [Pages unknown].
- Eckmann, E.C.; Harrington, G.L. 1917. Soil survey of the Bitterroot River Valley area, Montana. Washington, DC: U.S. Department of Agriculture, Bureau of Soils. 72 p.
- Fire Executive Council. 2009. Guidance for implementation of federal wildland fire management policy. Washington, DC: U.S. Department of Agriculture and U.S. Department of the Interior. 20 p. <[http://www.nifc.gov/policies/policies\\_documents/guidance/GIFWFMP.pdf](http://www.nifc.gov/policies/policies_documents/guidance/GIFWFMP.pdf)> accessed January 2011.
- Fischer, W.C.; Bradley, A.F. 1987. Fire ecology of western Montana forest habitat types. Ogden, UT: U.S. Forest Service Intermountain Research Station. U.S. Department of Agriculture Forest Service General Technical Report INT-223. 95 p.
- Gaeuman, D. 1997. Historical channel changes and processes of the central Bitterroot River, Ravalli County, Montana [master's thesis]. Missoula, MT: University of Montana.
- Geist, V.; Mahoney, S.P.; Organ, J.F. 2001. Why hunting has defined the North American model of wildlife conservation. In: Transactions of the North American Wildlife and Natural Resources Conference;

- March 20, 2001; Washington, DC. Washington, DC: Wildlife Management Institute. 66:175–85.
- Geist V.; Organ, J.F. 2004. The public trust foundation of the North American model of wildlife conservation. *Northeast Wildlife* 58:49–56.
- Graham, Todd. 2009 Assessment of upland units. Bozeman, MT: Aeroscene Land Logic. 9–12.
- Gratto-Trevor, Cheri L. 2000. Marbled godwit (*Limosa fedoa*). The Birds of North America Online (A. Poole, editor). Ithaca: Cornell Lab of Ornithology. [Internet]. <<http://bna.birds.cornell.edu/bna/species/492doi:10.2173/bna.492>> accessed January 3, 2011.
- Hauer, F.R.; Spencer, C.N. 1998. Phosphorous and nitrogen dynamics in streams associated with wildfire—a study of immediate and long-term effects. *International Journal of Wildland Fire* 8:183–98.
- Heitmeyer, M.E.; Artmann, M.J.; Fredrickson, L.H. 2010. An evaluation of ecosystem restoration and management options for Lee Metcalf National Wildlife Refuge. Prepared for U.S. Fish and Wildlife Service, Region 6, Denver, CO. Greenbrier Wetland Services Report 10-02. Bloomfield, MO: Blue Heron Conservation Design and Printing LLC.
- Hejl, S.J.; Newlon, K.R.; Mcfadzen, M.E.; Yound, J.S.; Ghalambor, C.K. 2002. Brown creeper (*Certhia americana*). The Birds of North America Online (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. <<http://bna.birds.cornell.edu/bna/species/669doi:10.2173/bna.669>> accessed January 3, 2011.
- Hepp, Gary R.; Bellrose, Frank C. 1995. Wood duck (*Aix sponsa*). The Birds of North America Online (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. <<http://bna.birds.cornell.edu/bna/species/169doi:10.2173/bna.1169>> accessed January 3, 2011.
- Hodges, K.V.; Applegate, J.D. 1993. Age of Tertiary extension in the Bitterroot metamorphic core complex, Montana and Idaho. *Geology* 21:161–164.
- Hutchinson, M. 1992. Vegetation management guideline—Canada thistle (*Cirsium arvense* [L.] Scop.) *Natural Areas Journal* 12:160–1.
- Hyndman, D.W.; Talbot, J.L.; Chase, R.B. 1975. Boulder batholiths—a result of emplacement of a block detached from the Idaho batholiths infrastructure. *Geology* 3:401–404.
- [IWJV] Intermountain West Joint Venture. 2005a. Coordinated implementation plan for bird conservation in western Montana. [Place of publication unknown]: Montana Steering Committee Intermountain West Joint Venture. 58 p.
- . 2005b. Intermountain West Joint Venture coordinated bird conservation plan. [Place of publication unknown]: Intermountain West Joint Venture. 94 p.
- Kendall, W.L. 2001. Using models to facilitate complex decisions. In: Shenk, T.M.; Franklin, A.B., editors. Modeling in natural resource management—development, interpretation, and application. Washington, DC: Island Press. 223 p.
- Klein, M.L. 1993. Waterbird behavioral responses to human disturbances. *Wildlife Society Bulletin* 21:31–39.
- Kudray, G.M.; Schemm, T. 2008. Wetlands of the Bitterroot Valley; change and ecological functions. Prepared for the Montana Department of Environmental Quality, Agreement #DEQ 206028. Helena, MT: Montana Natural Heritage Program.
- Kushlan, James A.; Steinkamp, Melanie J.; Parsons, Katharine C.; [et al.]. 2002. Waterbird conservation for the Americas—the North American waterbird conservation plan, version 1. Washington, DC: Waterbird Conservation for the Americas. 78 p.
- Lancia, R.A.; Braun, C.E.; Collopy, M.W. [et al.]. 1996. ARM! for the future—adaptive resource management in the wildlife profession. *Wildlife Society Bulletin* 24:436–42.
- Langner, H.W.; Greene, E.; Domenech, R.; Staats, M.F. 2011. Mercury and other mining-related contaminants in ospreys along the Upper Clark Fork River, Montana, USA. University of Montana, Missoula, MT. Environmental Contamination and Toxicology, November 25, 2011. <<http://www.springerlink.com/content/m081860p378q2453/fulltext.html>> accessed January 3, 2011.
- Langton, C.M. 1935. Geology of the northeastern part of the Idaho batholiths and adjacent region in Montana. *Journal of Geology* 43:27–60.
- Lankston, R.W. 1975. A geophysical investigation in the Bitterroot Valley, western Montana [Ph.D. dissertation]. University of Montana, Missoula. [Pages unknown].
- Lonn, J.D.; Sears, J.W. 2001. Geologic map of the Bitterroot Valley, Montana. Butte, MT: Montana Bureau of Mines and Geology Open File Report 362.
- Lowther, Peter; Poole, Alan F.; Gibbs, J.P.; Melvin, S.; Reid, F.A. 2009. American bittern (*Botaurus lentiginosus*). The Birds of North America Online (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. <<http://bna.birds.cornell.edu/bna/species/018doi:10.2173/bna.018>> accessed January 3, 2011.
- Malouf, Carling I. 1952. Economy and land use by the Indians of western Montana, U.S.A. [Unpublished]. Missoula, MT: University of Montana. 63 p.
- . 1956. The cultural connections between the prehistoric inhabitants of the upper Missouri and Columbia River systems [Ph.D. dissertation]. New York, NY: Columbia University. [Pages unknown].
- Martin, Stephen G.; Gavin, Thomas A. 1995. Bobolink (*Dolichonyx oryzivorus*). The Birds of North America Online (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. <<http://bna.birds.cornell.edu/bna/species/018doi:10.2173/bna.018>> accessed January 3, 2011.

- edu/bna/species/176doi:10.2173/bna.176> accessed January 3, 2011.
- Maxwell, Bryce A.; Nelson, K.J.; Browder, S. 2002. Record clutch size and observance on breeding and development of the western toad (*Bufo boreas*) in Montana. *Northwestern Naturalist* 83:27–30.
- McDowell, Will; Rokosch, Jim. 2005. Ambrose-Threemile watershed project: watershed assessment and recommendations for stream improvements. Sandpoint, ID: Tri-State Water Quality Council. 161p. <[http://www.tristatecouncil.org/documents/05ambrose\\_asses.pdf](http://www.tristatecouncil.org/documents/05ambrose_asses.pdf)> accessed November 15, 2011.
- McEachern P.; Prepas, E.E.; Gibson J.J.; Dinsmore, P. 2000. The forest fire induced impacts on phosphorus, nitrogen and chlorophyll a concentrations in boreal sub-arctic lakes of northern Alberta Can. *Journal of Fisheries and Aquatic Sciences* 57 (Suppl. 2):73–81.
- McMurtrey, R.G.; Konizeski, R.L.; Johnson, M.V.; Bartells, J.H. 1972. Geology and water resources of the Bitterroot Valley, southwestern Montana, with a section on chemical quality of water, by H.A. Swenson. U.S. Geological Survey Water Supply Paper 1889. 80 p.
- Montana Bird Distribution Committee. 1996. P.D. Skaar's Montana bird distribution, fifth edition. Special Publication No. 3. Helena, MT: Montana Natural Heritage Program. 130 p.
- Montana Department of Agriculture. 2010. Montana noxious weed list: effective September 2010. <<http://agr.mt.gov/weedpest/pdf/weedlist2010.pdf>> accessed March 23, 2011.
- [MFWP] Montana Fish, Wildlife & Parks. 2005. The Montana Comprehensive Fish and Wildlife Conservation Strategy. Helena, MT: Montana Fish, Wildlife & Parks. 43–44, 78, 158–159.
- Montana Natural Heritage Program. 2012. [Species of concern]. <<http://mtnhp.org/SpeciesOfConcern>> accessed June 5, 2012.
- Morton, J.M. 1995. Management of human disturbance and its effects on waterfowl. In: Whitman, W.R.; Strange, T.; Widjeskog, L.; Whitemore, R.; Kehoe, P.; Roberts, L.; editors. *Waterfowl habitat restoration, enhancement and management in the Atlantic flyway*. 3rd edition. Dover, DE: Environmental Management Committee, Atlantic Flyway Council Technical Section; Delaware, Division of Fish and Wildlife. F59–F86.
- Mowbray, Thomas. 1999. American wigeon (*Anas americana*). *The Birds of North America Online* (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. <<http://bna.birds.cornell.edu/bna/species/401doi:10.2173/bna.401>> accessed January 3, 2011.
- National Association for Interpretation. 2011. [Mission, vision, and core values.] <[http://www.interpnet.com/about\\_nai/mission.shtml](http://www.interpnet.com/about_nai/mission.shtml)> accessed March 9, 2011.
- National Climatic Data Center. 2011. Precipitation and temperature graphs, 1900–2010. <<http://www.ncdc.noaa.gov/temp-and-precip/time-series>> accessed February 8, 2011.
- National Wildfire Coordinating Group. 2001. [Review and update of the 1995 Federal Wildland Fire Management Policy]. <[http://www.nwcg.gov/branches/ppm/fpc/archives/fire\\_policy/history/index.htm](http://www.nwcg.gov/branches/ppm/fpc/archives/fire_policy/history/index.htm)> accessed January 13, 2012.
- Oring, Lewis W.; Neel, Larry; Oring, Kay E. 2010. U.S. Shorebird Conservation Plan. Version 1.0. Intermountain West Regional Shorebird Plan.
- Pardee, J.T. 1950. Late Cenozoic black faulting in western Montana. *Geological Society of America Bulletin* 61:359–406.
- Popham, C. 1998. *Early days in sagebrush country*. Missoula, MT: Pictorial Histories Publishing Company. 130 p.
- Reiss, S.A. 1995. *Sport in industrial America, 1850–1920*. The American History Series. Wheeling, IL: Harlan Davidson, Inc. 178 p.
- Rich, T.D.; Beardmore, C.J.; Berlanga, H.; Blancher, P.J.; Bradstreet, M.S.W.; Butcher, G.S.; Demarest, D.W.; Dunn, E.H.; Hunter, W.C.; Inigo-Elias, E.E.; Kennedy, J.A.; Martell, A.M.; Panjabi, A.O.; Pashley, D.N.; Rosenberg, K.V.; Rustay, C.M.; Wendt, J.S.; Will, T.C. 2004. *Partners in Flight North American landbird conservation plan*. Ithaca, NY: Cornell Laboratory of Ornithology. Revised March 2005. 85 p.
- Richey, E.D. 1998. *Subdividing Eden: land use and change in the Bitterroot Valley, 1930–1998*. Missoula, MT: University of Montana. 290 p.
- Running, Steven W. 2010. *Impacts of climate change on forests of the northern Rocky Mountains*. University of Montana, College of Forestry and Conservation, Montana Climate Office. <<https://www.cfc.umt.edu>> accessed February 8, 2011.
- Ryan, Michael Jerome. 1977. *An archaeological survey of the middle Clark Fork River valley: Missoula to Superior, Montana* [master's thesis]. Missoula, MT: University of Montana. [Pages unknown].
- Sedgwick, James A. 2000. Willow flycatcher (*Empidonax trailii*). *The Birds of North America Online* (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. <<http://bna.birds.cornell.edu/bna/species/533doi:10.2173/bna.533>> accessed January 3, 2011.
- State of Montana. 2011. [Montana field guides: American bullfrog—*Rana catesbeiana*]. <[http://fieldguide.mt.gov/detail\\_AAABH01070.aspx](http://fieldguide.mt.gov/detail_AAABH01070.aspx)> accessed March 11, 2011.
- Stevensville Historical Society. 1971. *Montana genesis*. Missoula, MT: Mountain Press Publishing Company. 289 p.
- Stringer, A. 2009. *Effect of constructed wetlands on water temperature in Lower Burnt Fork Creek:*

- implications for native trout populations and possible stream restoration. Unpublished report to Sentinel High School. Missoula, MT. [Pages unknown].
- Takekawa, John Y.; Warnock, Nils. 2000. Long-billed dowitcher (*Limnodromus scolopaceus*). The Birds of North America Online (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. <<http://bna.birds.cornell.edu/bna/species/493doi:10.2173/bna.493>> accessed January 3, 2011.
- Texas State Parks and Wildlife. 2011. [Hoary bat (*Lasiurus cinereus*)]. <<http://www.tpwd.state.tx.us/huntwild/wild/species/hoarybat>> accessed February 14, 2011.
- Tobalske, Bret W. 1997. Lewis's woodpecker (*Melanerpes lewis*). The Birds of North America Online (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. <<http://bna.birds.cornell.edu/bna/species/284doi:10.2173/bna.284>> accessed January 3, 2011.
- Ullrich, Susanne M.; Tanton, Trevor W.; Abdrashitova, Svetlana A. 2001. Mercury in the aquatic environment: a review of factors affecting methylation. *Critical Reviews in Environmental Science and Technology* 31:3:241–293.
- United Nations Educational, Scientific and Cultural Organization. 1978. Needs and priorities in Environmental Education: an International Survey. Paris, France. [Pages unknown].
- U.S. Bureau of Reclamation. 1939. Bitter Root Irrigation District. U.S. Department of the Interior, Bureau of Reclamation, Hamilton, MT.
- . 1982. Bitter Root Project, Montana, Ravalli County. U.S. Department of the Interior, Pacific Northwest Region, Bureau of Reclamation.
- U.S. Census Bureau. 2010. Census Bureau: state and county quickfacts for Montana. Data derived from 2010 population estimates. <<http://www.census.gov>> accessed April 4, 2011.
- [USDA] U.S. Department of Agriculture. 2010. [Montana State-listed noxious weeds.] <<http://plants.usda.gov/java/noxious?rptType=State&stateIps=30>> accessed February 10, 2011.
- . 2012. Geospatial data gateway. [Internet]. Revised February 16, 2012. <<http://datagateway.nrcs.usda.gov>> accessed July 30, 2012.
- U.S. Department of Energy. 1999. Carbon sequestration research and development. Springfield, VA: National Technical Information Service, Office of Fossil Energy and the Office of Science. <[http://www.fossil.energy.gov/programs/sequestration/publications/1999\\_rdreport/](http://www.fossil.energy.gov/programs/sequestration/publications/1999_rdreport/)> accessed December 18, 2010.
- [USGS] U.S. Geological Survey. 2006. Strategic habitat conservation: final report of the National Ecological Assessment Team. [Place of publication unknown]: U.S. Department of the Interior, U.S. Geological Survey. 45 p.
- . 2011. National water information system. [Internet]. <[http://nwis.waterdata.usgs.gov/mt/nwis/peak/?site\\_no=12344000&agency\\_cd=USGS](http://nwis.waterdata.usgs.gov/mt/nwis/peak/?site_no=12344000&agency_cd=USGS)> accessed August 1, 2011.
- . 2012. [Mercury in aquatic ecosystems]. <<http://toxics.usgs.gov/investigations/mercury.html>> accessed May 30, 2012.
- [USGS] U.S. Geological Survey, National Wildlife Health Center. 2007. [Chronic wasting disease fact sheet.] <[http://www.nwhc.usgs.gov/disease\\_information/chronic\\_wasting\\_disease/](http://www.nwhc.usgs.gov/disease_information/chronic_wasting_disease/)> accessed February 10, 2011.
- [USFWS] U.S. Fish and Wildlife Service. 1966. Wildlife inventory plan. Stevensville, MT: U.S. Fish and Wildlife Service. 22 p.
- . 1974. Flood Report, Ravalli National Wildlife Refuge, Stevensville, MT. [Pages unknown].
- . 1988–93. Lee Metcalf National Wildlife Refuge annual narratives. Stevensville, MT: Lee Metcalf National Wildlife Refuge. [On file at Lee Metcalf National Wildlife Refuge, Stevensville, MT].
- . 1991. Waterfowl management handbook—section 13.4.6, strategies for water manipulation in moist-soil systems. Washington, DC: U.S. Fish and Wildlife Service. 8 p. [On file at Lee Metcalf National Wildlife Refuge, Stevensville, MT].
- . 1999. Fulfilling the promise. Arlington, VA: U.S. Department of the Interior, Fish and Wildlife Service. 94 p.
- . 2008. Birds of conservation concern 2008. Arlington, VA: United States Department of Interior, U.S. Fish and Wildlife Service, Division of Migratory Bird Management. 85 p. <<http://www.fws.gov/migratorybirds/>> accessed November 10, 2010.
- . 2010. Rising to the challenge—strategic plan for responding to accelerating climate change. Unpublished report on file at Washington, DC. 28 p. <[www.fws.gov/home/climatechange/pdf/CCdraftStratPlan92209.pdf](http://www.fws.gov/home/climatechange/pdf/CCdraftStratPlan92209.pdf)> accessed July 27, 2010.
- [USFWS] U.S. Fish and Wildlife Service, Montana Invasive Species Strike Team. 2009. 2009 Lee Metcalf NWR report. Great Falls, MT: U.S. Fish and Wildlife Service, Montana Invasive Species Strike Team. 76 p.
- [USFWS] U.S. Fish and Wildlife Service, Region 6 Water Resources Division. 2011. Unpublished data. [On file at the water resources division office in Lakewood, CO]
- [USFWS] U.S. Fish and Wildlife Service; Canadian Wildlife Service. 1986. North American waterfowl management plan—a strategy for cooperation. Washington, DC: U.S. Department of the Interior. Gatineau, Quebec: Environment, Canada. 26 p.
- Walker, B. 2004. Effects of management practices on grassland birds: Brewer's sparrow. Jamestown, ND: Northern Prairie Wildlife Research Center. <<http://>

- [//www.npwrc.usgs.gov/resource/literatr/grasbird/brsp/brsp.htm](http://www.npwrc.usgs.gov/resource/literatr/grasbird/brsp/brsp.htm)> accessed December 22, 2010.
- Walters, C.J.; Holling, C.S. 1990. Large-scale management experiments and learning by doing. *Ecology* 71:2060–8.
- Ward, Linda. 1973. Prehistory of the Bitterroot Valley [master's thesis]. Missoula, MT: University of Montana. [Pages unknown].
- Weber, W.M. 1972. Correlation of Pleistocene glaciations in the Bitterroot Range, Montana, with fluctuations of glacial Lake Missoula. Montana Bureau of Mines and Geology Memoir 42 pp.
- Werner, Kirwin J.; Maxwell, Bryce A.; Hendricks, Paul; Flath, Dennis L. 2004. Amphibians and reptiles of Montana. Missoula, MT: Montana Press Publishing Company. 73–4, 93–4, 100–102.
- Woodin, Marc C; Michot, Thomas C. 2002. Redhead (*Aythya americana*). The Birds of North America Online (A. Poole, editor). Ithaca, NY: Cornell Lab of Ornithology. <<http://bna.birds.cornell.edu/bna/species/695doi:10.2173/bna.695>> accessed January 3, 2011.
- Woodside, Gail J. 2008. Comparing native oral history and scientific research to produce historical evidence of native occupation during and after the Missoula floods [senior thesis]. Corvallis, OR: Oregon State University. <<http://hdl.handle.net/1957/8746>> accessed September 27, 2010.